

June 16, 2023

Mr. Anthony D. Russo, P.E.  
Manatee County Public Works  
1022 26<sup>th</sup> Avenue East  
Bradenton, FL 34208

**RE: Limited Contamination Evaluation Report  
Lena Road Parcel 103 Property  
North of 44th Avenue East to SR 64  
Bradenton, Manatee County, Florida**

Manatee County (Client) has contracted with Kimley-Horn and Associates, Inc. (Kimley-Horn) and their consultant partners to design improvements to Lena Road from North of 44th Avenue East to SR 64 (**Figure 1**). The improvements include widening the existing two-lane undivided roadway to a two-lane divided roadway with sidewalk on the east side, shared-use path on the west side and new storm water ponds.

Kimley-Horn was initially retained to conduct a Level II Limited Contamination Evaluation to evaluate sites that were identified in a Contamination Screening Technical Memorandum (CSTM) provided by others. Three sites and three pond sites were evaluated for contamination. Results of that investigation identified arsenic in two temporary monitoring wells at concentrations exceeding the State of Florida's Groundwater Cleanup Target Level (GCTL). Confirmation samples were collected from the same wells, and results did not identify any contaminants of concern.

In April 2023, Kimley-Horn received and reviewed a geotechnical report and data for Parcel 103 (Parcel ID No. 1468122059), indicating that buried solid waste existed below land surface (bls) and will need to be evaluated for this project. This property is proposed to be used for wetland mitigation and potentially a stormwater pond.

This report was prepared to address the buried solid waste and provide information regarding any potential contamination that may exist that would have to be accounted for during construction.

## **1.0 FIELD SAMPLING ACTIVITIES**

Field activities were conducted at the subject property on May 17 and 18, 2023. Field activities consisted of soil sampling, installation of temporary groundwater monitoring wells, and surface water and groundwater sampling. All sampling activities were performed in accordance with the Florida Department of

Environmental Protection (FDEP) Standard Operating Procedures (SOPs). All sampling equipment and down-hole tools were decontaminated prior to and between sample locations. All laboratory analyses were performed by an accredited member of NELAC (National Environmental Laboratories Accreditation Conference). Sample locations are depicted on **Figure 2**.

## 1.1 Soil Sampling

On May 17 and 18, 2023, Kimley-Horn installed a total of seventeen (17) soil borings (SB-1 through SB-17) to evaluate soil quality across the property. Soil borings were completed using a decontaminated, stainless steel hand auger to total depths ranging from 0.5 ft to 4 ft. below land surface (bls), depending on the depth to groundwater. Soil for laboratory analysis was collected from the following intervals: land surface to 0.5 ft., 0.5 ft. to 2 ft., and 2 ft. to 4 ft., depending on depth to groundwater.

All samples were collected into laboratory supplied containers and shipped to the lab under chain of custody protocol. Samples were analyzed for the following parameters:

- Volatile Organic Compounds (VOCs) by EPA Method 8260
- Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270
- Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL-PRO Method
- Pollutant Priority Metals by EPA Methods 3010/6010/7470
- Organochlorinated Pesticides (OCPs) by EPA Method 8081

Soil boring locations are depicted on **Figure 2**. Field logs are included in **Appendix A**.

## 1.2 Groundwater Sampling

On May 17, 2023, Kimley-Horn installed three (3) temporary groundwater monitoring wells (TMW-1 through TMW-3), to evaluate current groundwater conditions. TMW-1 was installed at the SB-1 location, TMW-2 was installed at the SB-2 location, and TMW-3 was installed at the SB-3 location. While developing TMW-2, a very slow recharge rate was observed, and the well was reinstalled as TMW-4 just to the north of TMW-2. Groundwater sample locations are depicted on **Figure 2**.

The wells were installed using a decontaminated, stainless-steel hand auger. The temporary groundwater monitoring wells were constructed of 2-inch diameter PVC and were installed to depths ranging from 6-7 feet below land surface. Each well

consisted of 5 feet of 0.010-inch slotted screen interval, with a 20/30 sand filter pack, and solid riser to approximately 3 to 4 feet above land surface. The wells were developed until relatively free of sediment and then allowed to equilibrate prior to sampling.

On May 18, 2023, Kimley-Horn returned to install TMW-4 and conduct groundwater sampling. Prior to sampling, each well was purged and sampled according to FDEP SOPs (FS2200) in accordance with Chapter 62-160, F.A.C. Throughout the purging process, field parameters, including temperature, pH, specific conductivity, dissolved oxygen (DO), and turbidity were measured prior to sampling. Field parameters were logged on the FDEP groundwater sampling log (Form FD 9000-24) (**Appendix A**).

All groundwater samples were collected into laboratory supplied containers and shipped to the lab under chain of custody protocol and analyzed for the following parameters:

- Volatile Organic Compounds (VOCs) by EPA Method 8260
- Petroleum Aromatic Hydrocarbons (PAHs) by EPA Method 8270
- Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL-PRO Method
- Pollutant Priority Metals by EPA Methods 3010/6010/7470
- Organochlorinated Pesticides (OCPs) by EPA Method 8081
- Total Dissolved Solids (TDS) by EPA Method SM2540C
- Gross Alpha by EPA Method 00-02
- Radium 226 & 228 by EPA Methods 903.0 and Ra-05

### 1.3 Surface Water Sampling

In order to evaluate if the buried debris impacted surface waters in the area, surface water samples were collected from two adjacent pond locations to the north of Parcel 103. Samples from each location were collected using a decontaminated, polyethylene dip cup and poured directly into laboratory supplied containers, shipped to the lab under chain of custody protocol, and analyzed for the following parameters:

- Volatile Organic Compounds (VOCs) by EPA Method 8260
- Petroleum Aromatic Hydrocarbons (PAHs) by EPA Method 8270
- Total Recoverable Petroleum Hydrocarbons (TRPH) by the FL-PRO Method
- Pollutant Priority Metals by EPA Methods 3010/6010/7470
- Organochlorinated Pesticides (OCPs) by EPA Method 8081

- Total Dissolved Solids (TDS) by EPA Method SM2540C
- Gross Alpha by EPA Method 00-02
- Radium 226 & 228 by EPA Methods 903.0 and Ra-05

## 2.0 SAMPLING RESULTS

All samples collected from the Site were delivered under chain-of-custody protocol to Pace Environmental Laboratories, Inc. (Pace) in Tampa, Florida, a NELAC certified laboratory. Soil and groundwater data were evaluated relative to the default cleanup target levels (CTLs) defined in Tables 1 and 2 of Chapter 62-777, F.A.C. Surface water data was evaluated relative to the freshwater Criteria for Surface Water Quality Classifications (SWC) defined in Section 62-302.530, F.A.C.

### 2.1 Soil Quality Data

A summary of the soil quality data is presented in **Table 1**.

#### Volatile Organic Compounds (VOCs)

VOCs were not detected above the applicable SCTLs in any of the samples collected.

#### Polycyclic Aromatic Hydrocarbons (PAHs)

Congeners of the benzo(a)pyrene group (BaPs) were detected in soil sample SB-6 (0-0.5 ft) at a concentration exceeding the direct exposure residential soil cleanup target level (RSCTL) of 0.1 mg/kg. All other samples were non-detect.

#### Total Range Petroleum Hydrocarbons (TRPH)

TRPH was not detected above the SCTLs in any of the samples collected.

#### Pollutant Priority Metals

Arsenic was detected in the soil samples SB-1 (0-0.5 ft.), SB-3 (0-0.5 ft.), SB-3 (0.5-2 ft.), SB-6 (0-0.5 ft.), SB-7 (0-0.5 ft.), SB-8 (0-0.5 ft.), SB-8 (0.5-2 ft.), SB-9 (0-0.5 ft.), SB-11 (0-0.5 ft.), SB-12 (0-0.5 ft.), SB-12 (0.5-2 ft.), SB-12 (2-3.5 ft.), SB-13 (0.5-2 ft.), SB-13 (2-2.5 ft.), SB-14 (0-0.5 ft.), SB-14 (2-3.5 ft.), SB-15 (0.5-2 ft.), SB-16 (0-0.5 ft.), SB-16 (0.5-2 ft.), and SB-16 (2-3 ft.) at concentrations exceeding the RSCTL of 2.1 mg/kg. All other metals were either non-detect or below the applicable direct exposure SCTLs.

#### Organochlorinated Pesticides (OCPs)

Dieldrin was detected in soil sample SB-12 (2-3.5 ft.) at a concentration exceeding the leachability based on groundwater criteria soil cleanup

target level (LSCTL) of 0.002 mg/kg. All other samples were either non-detect or below the applicable SCTLs.

Copies of the laboratory analytical reports are included in **Appendix B**.

## **2.2 Groundwater Quality Data**

A summary of the groundwater quality data is presented in **Table 2**.

### **Volatile Organic Compounds (VOCs)**

Isopropyl benzene (Cumene) was detected in TMW-1 and TMW-3 at concentrations exceeding the GCTL/MCL of 0.8 ug/L. All other samples were either non-detect or below the GCTL/MCL.

### **Polycyclic Aromatic Hydrocarbons (PAHs)**

PAHs were non-detect or below the GCTLs/MCLs in all wells.

### **Total Range Petroleum Hydrocarbons (TRPH)**

TRPH was non-detect or below the GCTL/MCL in all wells.

### **Metals**

Metals were non-detect or below the applicable GCTLs/MCLs in all wells.

### **Organochlorinated Pesticides (OCPs)**

Beta-BHC was detected in TMW-3 at a concentration exceeding the GCTL of 0.02 ug/L. All other samples were either non-detect.

### **Total Dissolved Solids (TDS)**

Total dissolved solids were detected in TMW-3 and TMW-4 at concentrations exceeding the GCTL/MCL of 500,000 ug/L. TMW-1 contained TDS at a concentration below the GCTL/MCL.

### **Radionuclides**

Gross Alpha was detected in TMW-1 and TMW-4 at concentrations exceeding the GCTL/MCL of 15 pCi/L. Gross Alpha was detected in TMW-3 at a concentration below the GCTL/MCL.

Total Radium (Ra226 and Ra228) were detected in TMW-4 at a concentration exceeding the GCTL/MCL of 5 pCi/L. All other samples were below the GCTL/MCL.

Copies of the laboratory analytical reports are included in **Appendix B**.

## 2.2 Surface Water Quality Data

A summary of the surface water quality data is presented in **Table 3**.

### Volatile Organic Compounds (VOCs)

There were no VOCs detected above the laboratory method detection limits in the surface water samples analyzed.

### Polycyclic Aromatic Hydrocarbons (PAHs)

There were no PAHs detected exceeding the SWC in the surface water samples analyzed.

### Total Range Petroleum Hydrocarbons (TRPH)

TRPH was non-detect in the surface water samples analyzed.

### Pollutant Priority Metals

There were no metals detected in the surface water samples analyzed.

### Organochlorinated Pesticides (OCPs)

There were no OCPs detected in the surface water samples analyzed.

### Total Dissolved Solids (TDS)

TDS concentrations ranged from 113,000 ug/L in surface water sample SW-2 to 128,000 ug/L in surface water sample SW-1.

### Radionuclides

Gross alpha was detected at concentrations below the SWC in the surface water samples analyzed.

Total Radium (Ra226 and Ra228) were detected at concentrations below the laboratory method detection limits. The method detection limit for SW-2 was greater than the MCL; however, since the method did not identify any concentrations, the concentration of Total Radium is not anticipated to exceed the SWC.

Copies of the laboratory analytical reports are included in **Appendix B**.

## 3.0 CONCLUSIONS AND RECOMMENDATIONS

This Limited Contamination Evaluation was completed for the purpose of evaluating current soil, groundwater, and surface water conditions on Parcel 103 with respect to the impending construction for the Lena Road Project.

Concentrations of arsenic, BaPs, and dieldrin were detected at concentrations exceeding their respective RSCTLs at various depths across the property. Additionally, isopropylbenzene, beta-BHC, TDS, gross alpha, and total radium were detected in groundwater samples at concentrations exceeding their respective GCTLs/MCLs. Future construction activities will have to take into account contaminated soil and buried debris when planning offsite disposal and/or reuse on the property, and contaminated groundwater for dewatering operations. This may include characterization for waste disposal, implementing an engineering control (cap), design considerations for stormwater, and/or involving the Florida Department of Environmental Protection (FDEP).

Thank you for the opportunity to assist you with this project. Should you have any comments or need additional information, please contact me at 813-620-1460 or by email [bill.spinner@kimley-horn.com](mailto:bill.spinner@kimley-horn.com).

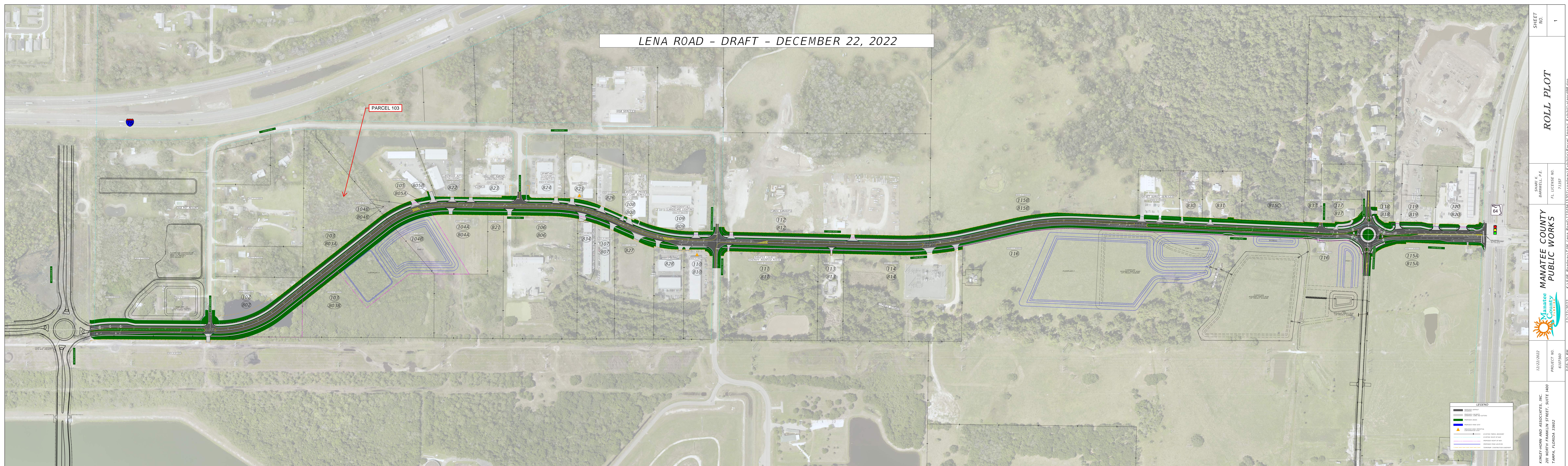
Sincerely,  
**KIMLEY-HORN AND ASSOCIATES, INC.**

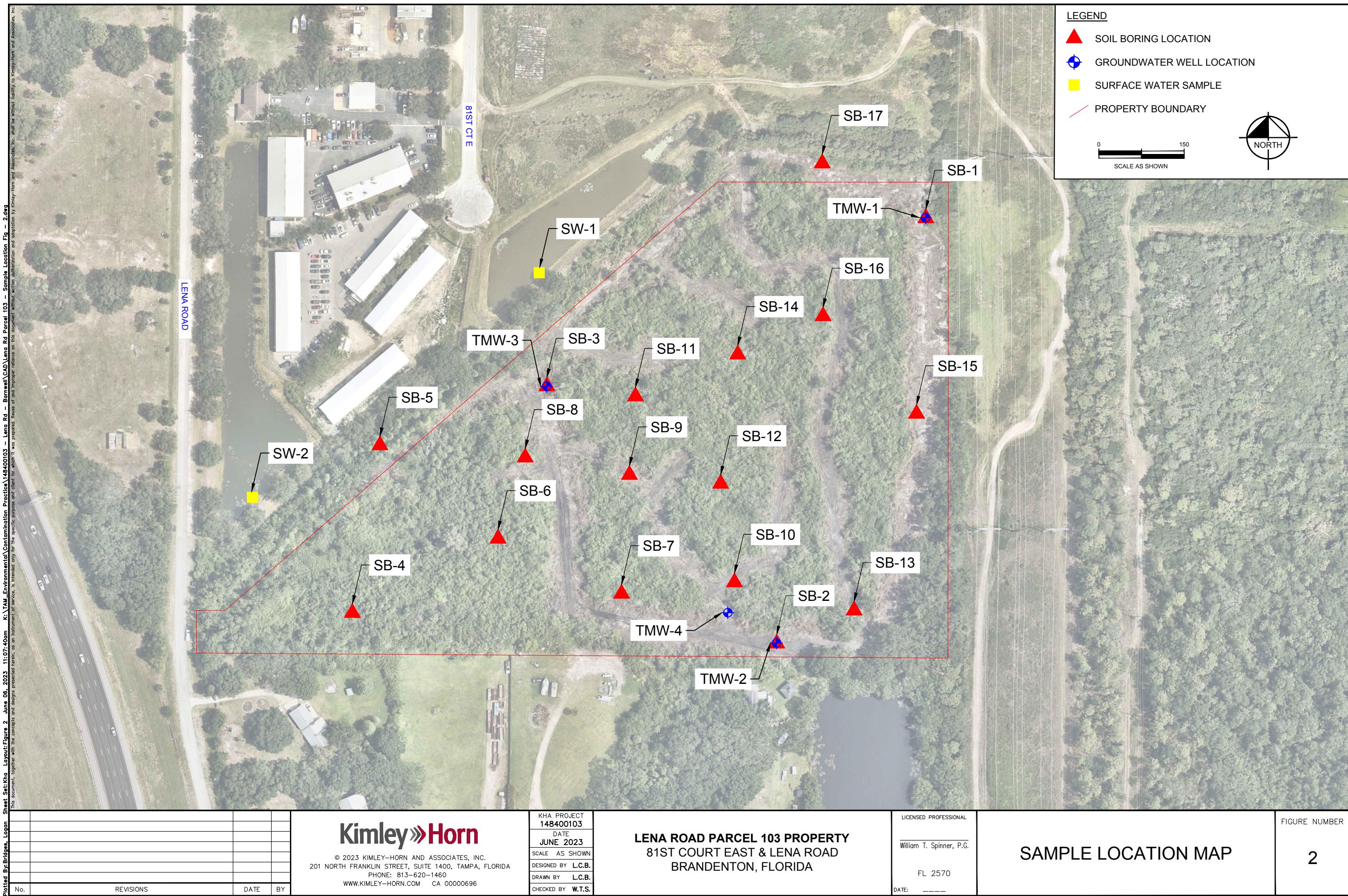


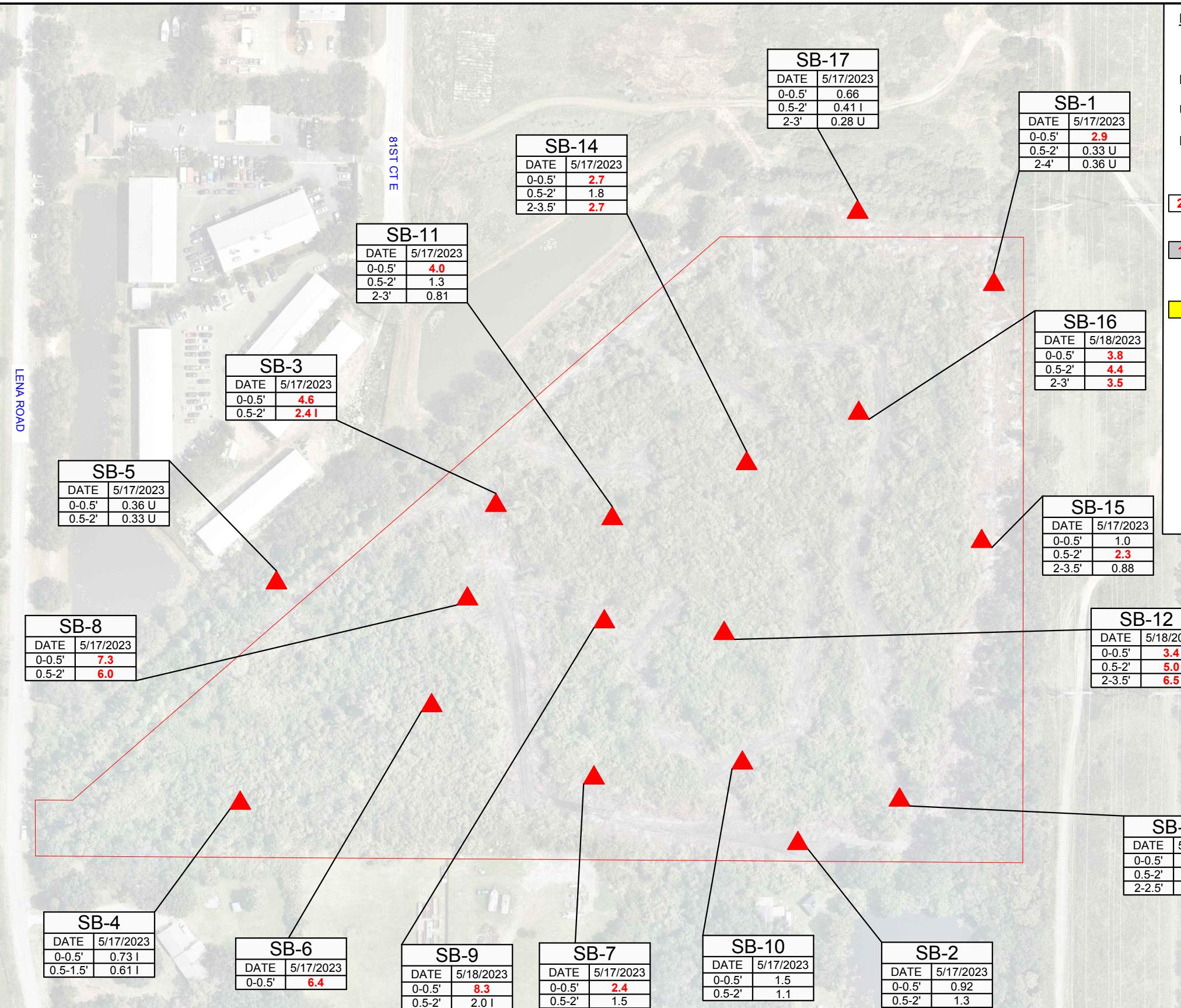
William Spinner, P.G.  
Florida Registration No. 2570

Attachments:  
Figures  
Tables  
Appendix A – Field Logs  
Appendix B – Laboratory Analytical Reports

## FIGURES



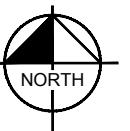
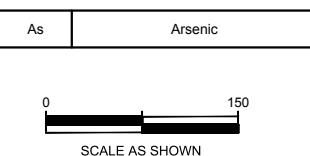




**LEGEND**

- ▲ SOIL BORING LOCATION
- NA NOT ANALYZED
- U RESULTS BELOW DETECTION LIMIT
- I RESULTS LIES BETWEEN THE LABORATORY METHOD DETECTION LIMIT AND THE PRACTICAL QUANTITATION LIMIT
- 2.1 VALUE EXCEEDS RESIDENTIAL SOIL CLEANUP TARGET LEVEL FOR DIRECT EXPOSURE (mg/kg)
- 12 VALUE EXCEEDS COMMERCIAL/INDUSTRIAL SOIL CLEANUP TARGET LEVEL FOR DIRECT EXPOSURE(mg/kg)
- \* VALUE EXCEEDS LEACHABILITY SOIL CLEANUP TARGET LEVEL (SCTL determined by synthetic precipitation leaching procedure)

VALUES FROM CHAPTER 62-777 F.A.C.



No.	REVISIONS	DATE	BY

**Kimley»Horn**

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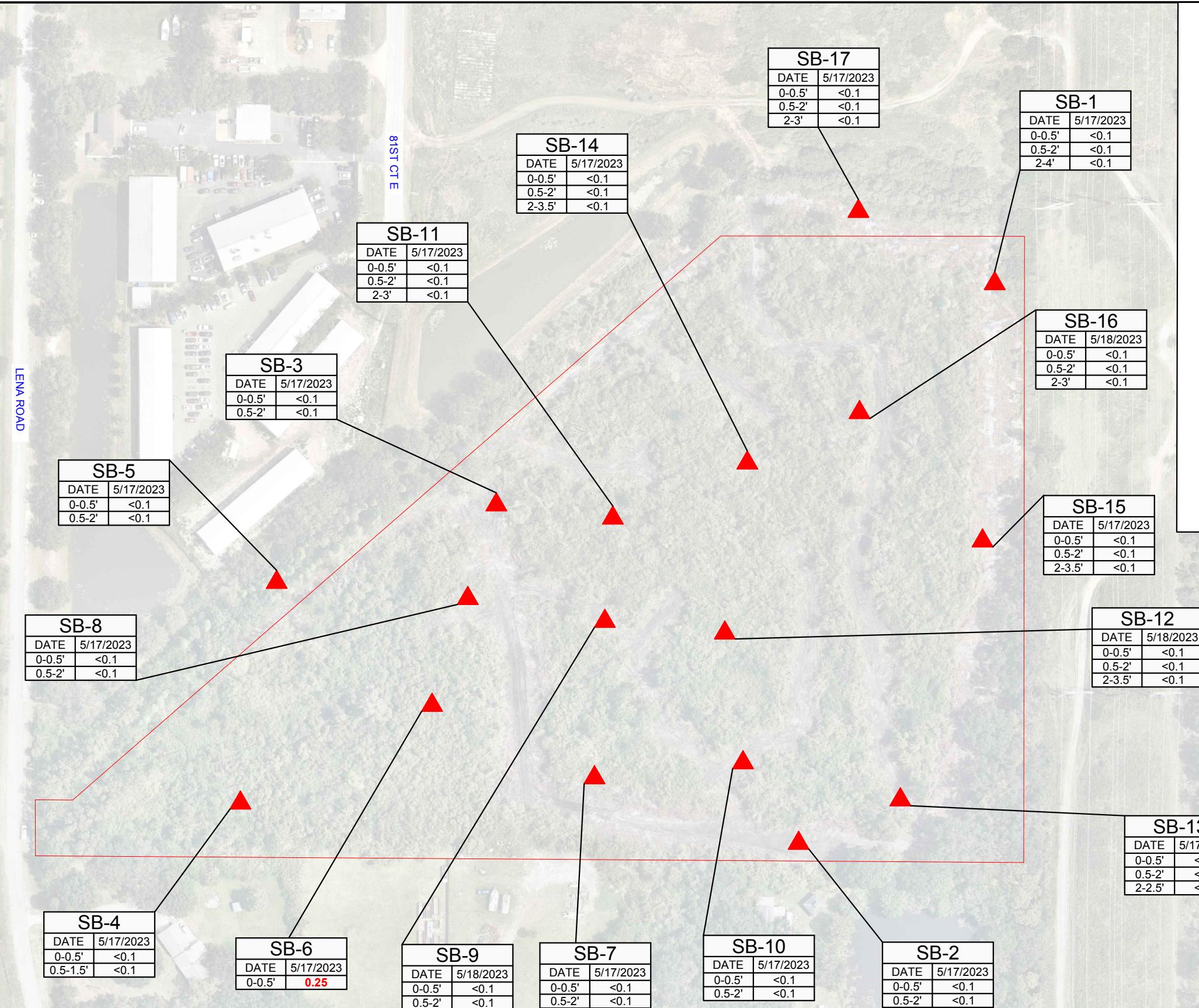
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148400103  
DATE  
JUNE 2023  
SCALE AS SHOWN  
DESIGNED BY L.C.B.  
DRAWN BY L.C.B.  
CHECKED BY W.T.S.

LENA ROAD PARCEL 103 PROPERTY  
81ST COURT EAST & LENA ROAD  
BRANDENTON, FLORIDA

LICENSED PROFESSIONAL  
William T. Spinner, P.G.  
FL 2570  
DATE: -----

SOIL ARSENIC  
CONCENTRATION MAP

FIGURE NUMBER  
3



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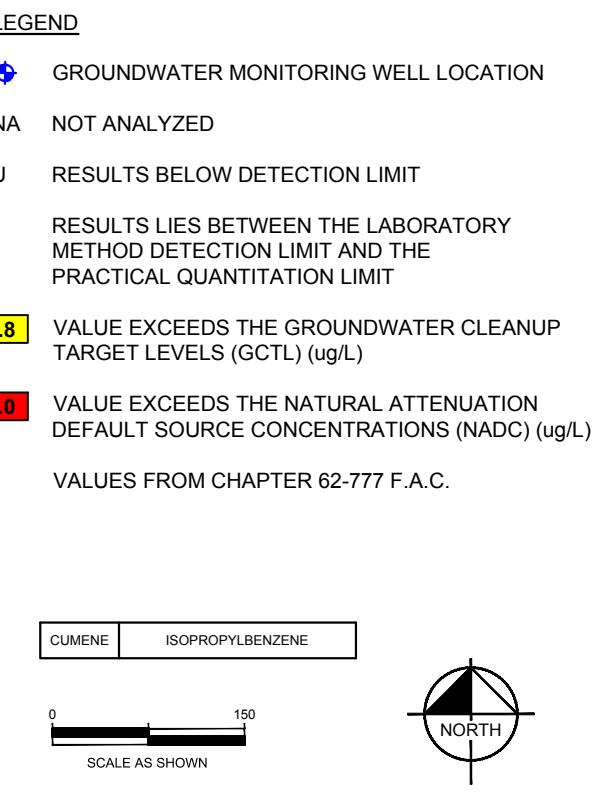
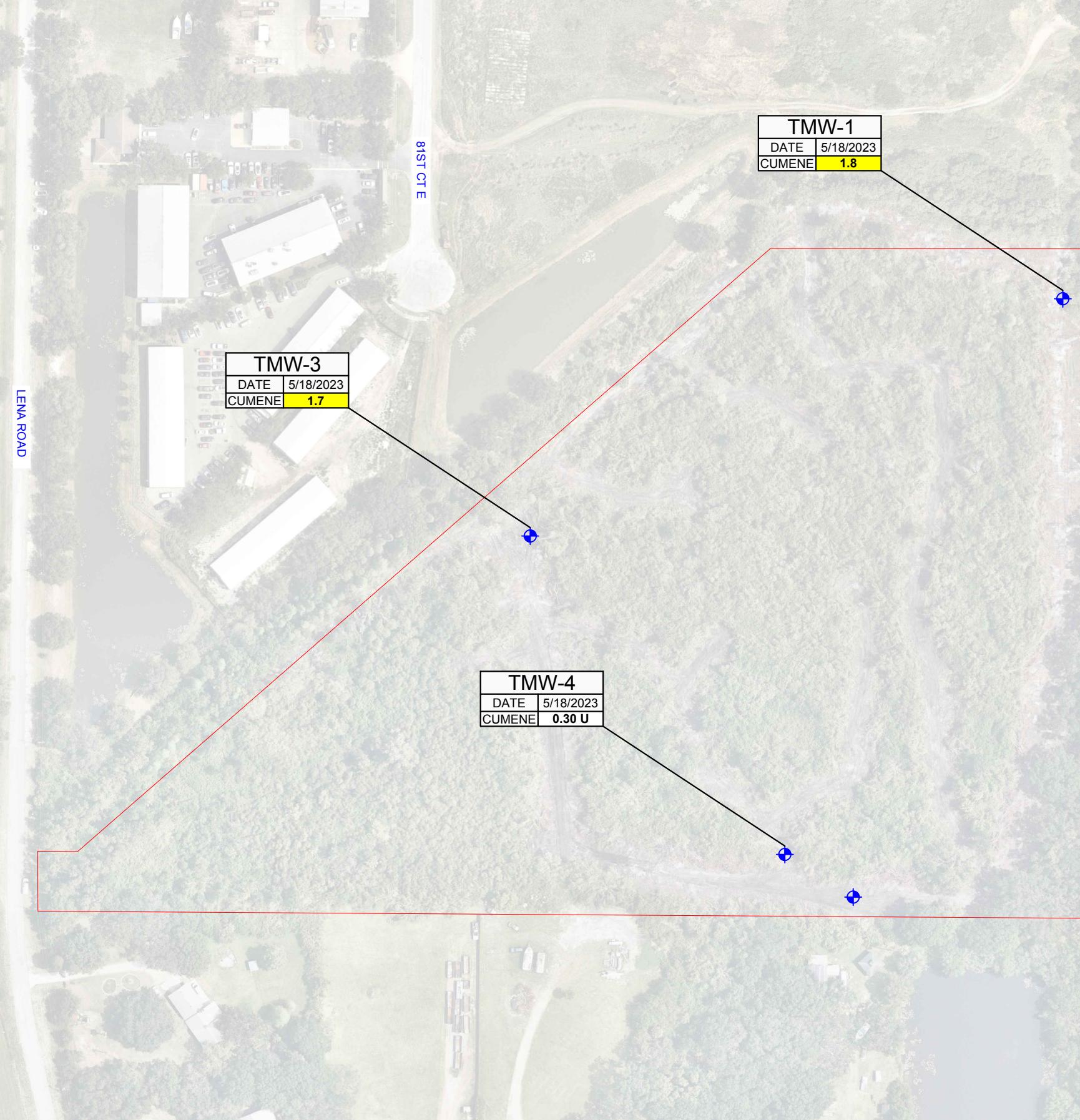
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BRANDENTON, FLORIDA

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SOIL B(a)P E  
CONCENTRATION MAP

4



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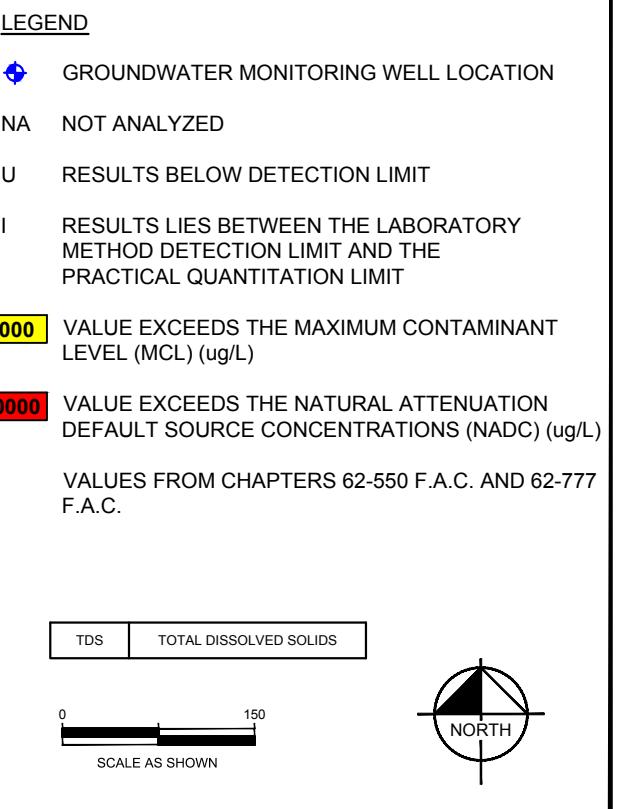
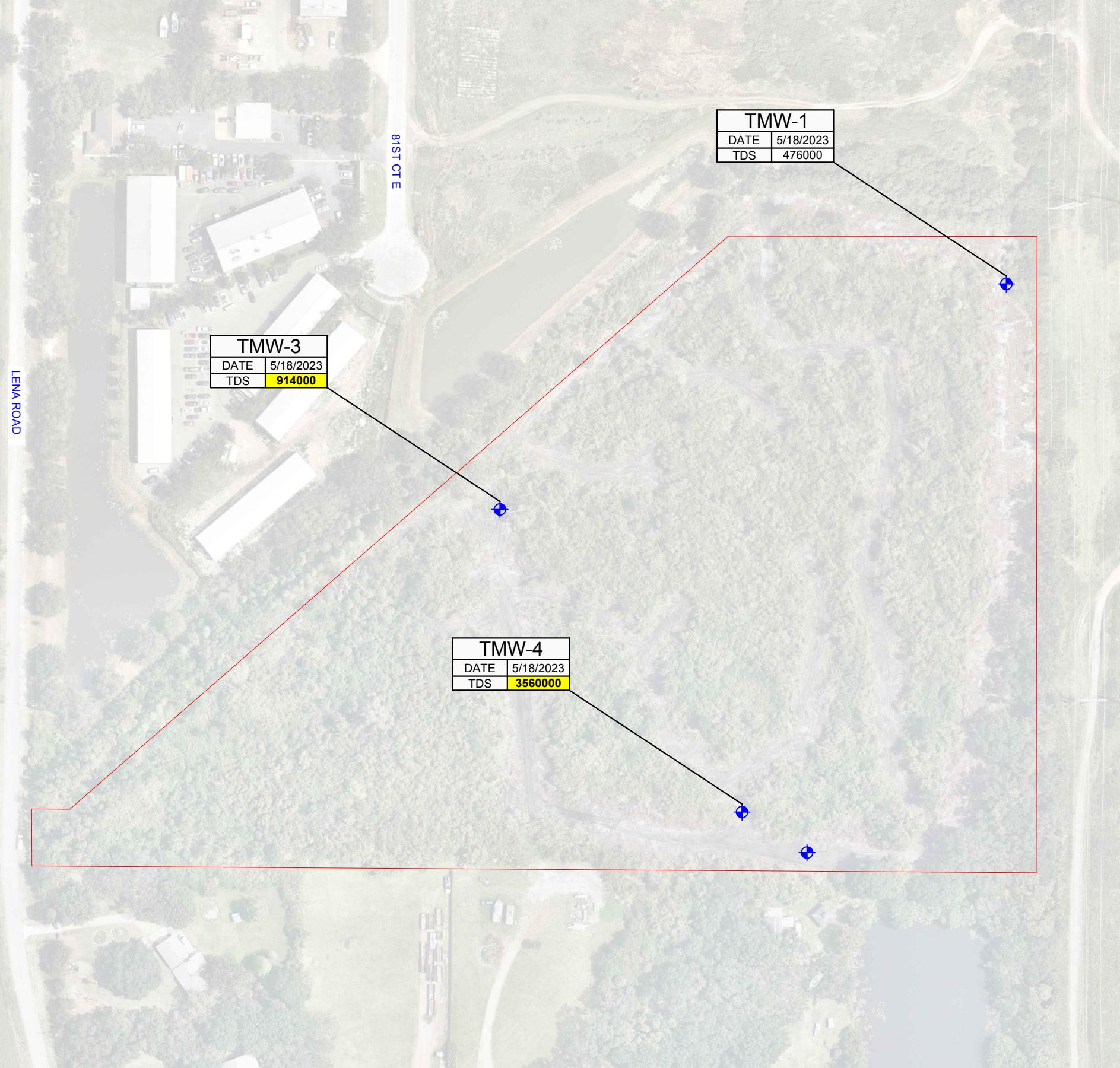
KHA PROJECT  
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**LENA ROAD PARCEL 103 PROPERTY**  
81ST COURT EAST & LENA ROAD  
BRANDENTON, FLORIDA

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DATE: -----

**GROUNDWATER  
ISOPROPYLBENZENE  
CONCENTRATION MAP**

FIGURE NUMBER  
5



## TABLES

**TABLE - 1**  
**SUMMARY OF SOIL QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

Sample ID	Date Collected	Depth Interval (ft.)	PAHs																TRPH				Metals											
			Aceanaphthene	Aceanaphthylene	Anthracene	Benz(a,h)perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Naphthalene	1-Methyl-naphthalene	2-Methyl-naphthalene	Benz(a)anthracene	Benz(a)pyrene	Benz(b)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno(1,2,3-cd)pyrene	B(a)P Equivalent	TRPH	Arsenic	Antimony	Beryllium	Cadmium	Copper	Chromium	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
RSCTL			2400	1800	21000	2500	3200	2600	2200	2400	55	200	210	#	0.1	#	#	#	0.1	460	2.1	27	120	82	150	210	400	3	340	440	410	6.1	26000	
CISCTL			20000	20000	30000	52000	59000	33000	45000	300	1800	2100	#	0.7	#	#	#	0.7	2700	12	370	1,400	1,700	89,000	470	1,400	17	35,000	11000	8,200	150	630000		
LSCTL			2.1	27	2500	32000	1200	160	250	880	1.2	3.1	8.5	0.8	8	2.4	24	77	0.7	6.6	340	***	5	63	7.5	NA	38	***	2.1	130	5.2	17	2.8	17
SB-1	5/17/2023	0-0.5	0.018 U	0.0060 U	0.0052 U	0.0096 U	0.012 U	0.014 U	0.0054 U	0.0051 U	0.0063 U	0.0060 U	0.0095 U	0.0051 U	0.010 U	0.0051 U	0.0088 U	0.0087 U	<0.1	68.1	2.9	2.1 U	0.28	0.14 U	1.1	8.5	3.4	0.025	3.6	2.1 U	0.31 U	1.9 U	10.1 U	
SB-2		0.5-2	0.020 U	0.0065 U	0.0056 U	0.010 U	0.013 U	0.015 U	0.0059 U	0.0055 U	0.0069 U	0.0065 U	0.010 U	0.0055 U	0.011 U	0.0055 U	0.0094 U	<0.1	27.8	0.33 U	0.50 U	0.049 I	0.033 U	0.23 I	5.2	3.0	0.023	1.8	0.50 U	0.073 U	0.44 U	2.4 U		
SB-3	5/17/2023	0-0.5	0.036 U	0.012 U	0.010 U	0.019 U	0.025 U	0.027 U	0.011 U	0.010 U	0.027 U	0.013 U	0.012 U	0.019 U	0.010 U	0.020 U	0.010 U	0.018 U	<0.1	9.5 U	0.92	0.48 I	0.032 U	0.55	2.5	0.31	0.077	0.48 U	0.071 U	0.103 U	0.43 U	2.3 U		
SB-4		0.5-2	0.019 U	0.0062 U	0.0054 U	0.0099 U	0.013 U	0.014 U	0.0056 U	0.0052 U	0.014 U	0.0065 U	0.0098 U	0.0052 U	0.010 U	0.0052 U	0.0091 U	0.0090 U	<0.1	6.0 U	1.3	0.46 U	0.022 I	0.031 U	0.33	2.7	0.49 I	0.018	1.5	0.46 U	0.068 U	0.41 U	2.2 U	
SB-5	5/17/2023	0-0.5	0.019 U	0.0063 U	0.0055 U	0.010 U	0.013 U	0.014 U	0.0057 U	0.0054 U	0.014 U	0.0067 U	0.0063 U	0.010 U	0.0054 U	0.011 U	0.011 U	0.0054 U	0.0092 U	<0.1	6.2 U	4.6	0.54 U	0.26	0.36	1.1	13.3	1.3	0.020	4.5	0.54 U	0.078 U	0.47 U	4.0 I
SB-6		0.5-2	0.022 U	0.0072 U	0.0063 U	0.012 U	0.015 U	0.016 U	0.0066 U	0.0061 U	0.016 U	0.0076 U	0.0072 U	0.011 U	0.012 U	0.0061 U	0.011 U	0.011 U	<0.1	10.7 U	2.4 I	2.3 U	0.27 I	0.15 U	0.85 I	6.0	2.9 I	0.018	3.0	2.3 U	0.33 U	2.0 U	10.9 U	
SB-7	5/17/2023	0-0.5	0.080 U	0.026 U	0.023 U	0.042 U	0.055 U	0.060 U	0.024 U	0.022 U	0.060 U	0.028 U	0.020 U	0.042 U	0.022 U	0.045 U	0.045 U	0.033 U	0.038 U	<0.1	28.8	0.73 I	1.0 U	0.092 I	0.069 U	5.7	3.7	4.3	0.14	2.8	1.9 I	0.15 U	0.92 U	9.3 I
SB-8		0.5-2	0.036 U	0.012 U	0.010 U	0.018 U	0.033 U	0.043 U	0.041 U	0.065 U	0.035 U	0.070 U	0.070 U	0.035 U	0.060 U	0.060 U	0.035 U	0.035 U	0.036 U	<0.1	7.1 U	0.36 U	0.54 U	0.034 I	0.036 U	0.63	1.9	3.3	0.019	0.42	0.54 U	0.079 U	0.47 U	2.6 U
SB-9	5/18/2023	0-0.5	0.12 U	0.041 U	0.036 U	0.066 U	0.085 U	0.093 U	0.037 U	0.035 U	0.093 U	0.043 U	0.041 U	0.065 U	0.027 U	0.012 U	0.011 U	0.011 U	0.011 U	<0.1	48.8	1.5	0.46 U	0.12	0.11	1.5	8.2	1.2	0.014	4.1	0.46 I	0.067 U	0.40 U	2.2 I
SB-10		0.5-2	0.019 U	0.0064 U	0.0056 U	0.010 U	0.013 U	0.015 U	0.0058 U	0.0056 U	0.010 U	0.0064 U	0.010 U	0.0055 U	0.011 U	0.0055 U	0.0055 U	0.0096 U	0.0094 U	<0.1	6.0 U	7.3	2.0 U	0.46	0.19 I	2.0	17.0	3.6	0.018	6.6	2.0 U	0.30 U	1.8 U	9.7 U
SB-11	5/17/2023	0-0.5	0.036 U	0.012 U	0.010 U	0.019 U	0.024 U	0.027 U	0.011 U	0.010 U	0.027 U	0.012 U	0.019 U	0.010 U	0.020 U	0.020 U	0.010 U	0.017 U	0.017 U	<0.1	6.0 U	6.0	4.1 U	0.48 I	0.28 I	1.4 I	15.9	3.4 I	0.013	6.2	4.1 U	0.60 U	3.6 U	19.7 U
SB-12	5/18/2023	0-0.5	0.020 U	0.0066 U	0.0057 U	0.011 U	0.014 U	0.015 U	0.0060 U	0.0056 U	0.015 U	0.0070 U	0.0066 U	0.010 U	0.0056 U	0.011 U	0.011 U	0.0056 U	0.0097 U	<0.1	43.2	8.3	2.6 U	0.26 I	0.23 I	2.1	14.3	2.9 I	0.20	10.5	2.6 U	0.38 U	2.3 U	12.3 U
SB-13	5/17/2023	0-0.5	0.018 U	0.0060 U	0.0052 U	0.0096 U	0.012 U	0.014 U	0.0054 U	0.0051 U	0.0060 U	0.0095 U	0.0051 U	0.010 U	0.010 U	0.0051 U	0.0088 U	0.0087 U	<0.1	45.1	1.5	0.43 U	0.12	0.050 I	0.91	7.4	1.0	0.016	2.4	0.63 I	0.0029 U	0.38 U	2.2 I	
SB-14		0-0.5	0.037 U	0.012 U	0.011 U	0.020 U	0.026 U	0.028 U	0.011 U	0.010 U	0.028 U	0.013 U	0.012 U	0.020 U	0.010 U	0.021 U	0.019 U	0.018 U	0.018 U	<0.1	40.0	4.0	0.54 U	0.12	0.096	1.2	7.3	1.6	0.025	4.5	0.54 U	0.039 U	0.48 U	2.6 U
SB-15	5/17/2023	0-0.5	0.018 U	0.0059 U	0.0051 U	0.0094 U	0.012 U	0.013 U	0.0053 U	0.0050 U	0.013 U	0.0062 U	0.0059 U	0.010 U	0.010 U	0.0050 U	0.0086 U	0.0085 U	<0.1	28.3	1.0	0.44 U	0.044 I	0.029 U	0.89	5.1	2.7	0.017	2.7	0.44 U	0.036 U	0.38 U	2.6 I	
SB-16	5/18/2023	0-0.5	0.020 U	0.0067 U	0.0058 U	0.011 U	0.014 U	0.015 U	0.0059 U	0.0056 U	0.01																							

TABLE 1  
ANALYTICAL DATA  
PARCEL 103  
ROAD PROJECT

**ANSWER**

All units in milligrams per kilogram (mg/kg), unless noted  
SCTLs from Chapter 62-777 FAC

**BOLD** = Value exceeds Residential Soil Cleanup Target Level for direct exposure (RSCTL)

**BOLD** = Value exceeds Commercial/Industrial Soil Cleanup Target Level  
**BOLD** = Value exceeds Leachability Soil Cleanup Target Level (L SCTL)

\* = Contaminant is not a heatly concern for this exposure scenario

\*\* = Direct exposure value based on acute toxicity consider

TABLE 1  
SOIL ANALYTICAL DATA  
PARCEL 103  
LENA ROAD PROJECT

Sample ID	Date Collected	Depth Interval (ft.)	OCPs																				
			Aldrin	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Chlordane (Technical)	4,4'-DDD	4,4'-DDE	Dieldrin	Endosulfan I	Endosulfan II	Endosulfate	Endrin	Endrine aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene		
RSCTL			0.06	0.1	0.5	24	0.7	2.8	4.2	2.9	0.06	NA	NA	NA	25	NA	NA	0.2	0.1	420	0.9		
C/ISCTL			0.3	0.6	2.4	490	2.5	14	22	15	0.3	NA	NA	NA	510	NA	NA	1.0	0.5	8800	4.5		
LSCTL			0.2	0.0003	0.001	0.2	0.009	9.6	5.8	18	0.002	NA	NA	NA	1.0	NA	NA	23	0.6	160	31		
SB-1	5/17/2023	0-0.5	0.00019 U	0.00010 U	0.00023 U	0.000098 U	0.000057 I	0.0058 U	0.000086 U	0.000076 U	0.00012 U	0.000073 U	0.00021 U	0.000086 U	0.000076 U	0.00012 U	0.000089 U	0.00020 U	0.000082 U	0.00028 U	0.0083 U		
SB-2		0.5-2	0.00021 U	0.00011 U	0.00025 U	0.00011 U	0.000060 U	0.0062 U	0.000093 U	0.000082 U	0.00012 U	0.000079 U	0.00023 U	0.000093 U	0.000082 U	0.00013 U	0.00013 U	0.000097 U	0.00022 U	0.000089 U	0.00031 U	0.0090 U	
SB-3		2-4	0.0012 U	0.00063 U	0.0014 U	0.00059 U	0.00033 U	0.035 U	0.00051 U	0.00045 U	0.00069 U	0.00095 I	0.0013 U	0.00051 U	0.00045 U	0.00072 U	0.00074 U	0.00053 U	0.0012 U	0.00049 U	0.0017 U	0.050 U	
SB-4	5/17/2023	0-0.5	0.00019 U	0.00010 U	0.00023 U	0.000098 U	0.000055 U	0.0057 U	0.000086 U	0.000075 U	0.00011 U	0.000073 U	0.00021 U	0.000086 U	0.000075 U	0.00012 U	0.000089 U	0.00020 U	0.000082 U	0.00028 U	0.0083 U		
SB-5		0.5-2	0.0010 U	0.00055 U	0.0012 U	0.00052 U	0.00029 U	0.030 U	0.00045 U	0.00040 U	0.00061 U	0.00039 U	0.0011 U	0.00045 U	0.00040 U	0.00063 U	0.00065 U	0.00047 U	0.0011 U	0.00043 U	0.0015 U	0.044 U	
SB-6	5/17/2023	0-0.5	0.00020 U	0.00011 U	0.00024 U	0.00010 U	0.000058 U	0.0061 U	0.000090 U	0.000080 U	0.00012 U	0.000077 U	0.00023 U	0.000090 U	0.000080 U	0.00013 U	0.00013 U	0.000094 U	0.00021 U	0.000087 U	0.00030 U	0.0087 U	
SB-7		0.5-2	0.00022 U	0.00012 U	0.00026 U	0.00011 U	0.000062 U	0.0065 U	0.000097 U	0.000085 U	0.00013 U	0.000083 U	0.00024 U	0.000097 U	0.000085 U	0.00014 U	0.00014 U	0.00010 U	0.00023 U	0.000093 U	0.00032 U	0.0093 U	
SB-8	5/17/2023	0-0.5	0.00084 U	0.00046 U	0.0043 I	0.0028 I	0.0024 U	0.025 U	0.00038 U	0.00033 U	0.00051 U	0.00032 U	0.00094 U	0.00038 U	0.00033 U	0.00053 U	0.00055 U	0.00039 U	0.00089 U	0.00036 U	0.012 U	0.037 U	
SB-9		0.5-1.5	0.00064 U	0.00035 U	0.00077 U	0.00033 U	0.00018 U	0.019 U	0.00029 U	0.00025 U	0.00038 U	0.00024 U	0.00071 U	0.00029 U	0.00025 U	0.00040 U	0.00041 U	0.00030 U	0.00068 U	0.00027 U	0.00094 U	0.028 U	
SB-10	5/17/2023	0-0.5	0.0013 U	0.00069 U	0.0015 U	0.00065 U	0.00037 U	0.038 U	0.00057 U	0.00050 U	0.00076 U	0.00049 U	0.0014 U	0.00057 U	0.00050 U	0.00080 U	0.00082 U	0.00059 U	0.0013 U	0.00054 U	0.0019 U	0.055 U	
SB-11		0.5-2	0.00020 U	0.00011 U	0.00024 U	0.00010 U	0.000058 U	0.0060 U	0.000090 U	0.000079 U	0.00012 U	0.000077 U	0.00022 U	0.000090 U	0.000079 U	0.00013 U	0.00013 U	0.000093 U	0.00021 U	0.000086 U	0.00030 U	0.0087 U	
SB-12	5/18/2023	0-0.5	0.00020 U	0.00011 U	0.00023 U	0.000099 U	0.000056 U	0.0058 U	0.000086 U	0.000076 U	0.00012 U	0.000074 U	0.00022 U	0.000086 U	0.000076 U	0.00012 U	0.00013 U	0.000090 U	0.00020 U	0.000083 U	0.00028 U	0.0084 U	
SB-13		0.5-2	0.00022 U	0.00012 U	0.00026 U	0.00011 U	0.000063 U	0.0066 U	0.000087 U	0.00013 U	0.000084 U	0.00025 U	0.000087 U	0.00014 U	0.000089 U	0.000079 U	0.00013 U	0.00013 U	0.000093 U	0.00021 U	0.000086 U	0.00029 U	0.0086 U
SB-14		2-3	0.00022 U	0.00012 U	0.00026 U	0.00011 U	0.000062 U	0.0065 U	0.000097 U	0.000085 U	0.00013 U	0.000083 U	0.00024 U	0.000097 U	0.000085 U	0.00014 U	0.00014 U	0.00010 U	0.00023 U	0.000093 U	0.00032 U	0.0093 U	
SB-15	5/17/2023	0-0.5	0.00040 U	0.00022 U	0.00049 U	0.00021 U	0.00012 U	0.085	0.00018 U	0.00016 U	0.00024 U	0.00015 U	0.00045 U	0.00018 U	0.00016 U	0.00025 U	0.00026 U	0.00019 U	0.00043 U	0.00017 U	0.00060 U	0.017 U	
SB-16		0.5-2	0.00039 U	0.00021 U	0.00047 U	0.00020 U	0.00011 U	0.015 I	0.00027 I	0.00073 I	0.00023 U	0.0012 I	0.00044 U	0.00017 U	0.00015 U	0.00025 U	0.00025 U	0.00018 U	0.00041 U	0.00017 U	0.00057 U	0.017 U	
SB-17		2-3	0.00046 U	0.00025 U	0.00055 U	0.00024 U	0.00013 U	0.014 U	0.00040 I	0.00018 U	0.00028 U	0.0028 I	0.00051 U	0.00021 U	0.00018 U	0.00030 U	0.00021 U	0.00049 U	0.00020 U	0.00068 U	0.020 U		
SB-18	5/17/2023	0-0.5	0.00022 U	0.00012 U	0.00026 U	0.00011 U	0.000063 U	0.0066 U	0.000087 U	0.00013 U	0.000084 U	0.00025 U	0.000087 U	0.00014 U	0.000089 U	0.000076 U	0.00013 U	0.00013 U	0.000093 U	0.00021 U	0.000086 U	0.00029 U	0.0095 U
SB-19		0.5-2	0.0012 U	0.00064 U	0.0014 U	0.00060 U	0.00034 U	0.035 U	0.00052 U	0.00046 U	0.00070 U	0.00045 U	0.0013 U	0.00052 U	0.00046 U	0.00073 U	0.00076 U	0.00054 U	0.0012 U	0.00050 U	0.0017 U	0.050 U	
SB-20		2-2.5	0.0012 U	0.00065 U	0.0014 U	0.00061 U	0.00034 U	0.036 U	0.00053 U	0.00047 U	0.00071 U	0.00045 U	0.0013 U	0.00053 U	0.00047 U	0.00075 U	0.00077 U	0.00055 U	0.0013 U	0.00051 U	0.0017 U	0.051 U	
SB-21	5/17/2023	0-0.5	0.00036 U	0.00020 U	0.00044 U	0.00019 U	0.00020 I	0.011 U	0.00016 U	0.00014 U	0.00022 U	0.00014 U	0.00041 U	0.00016 U	0.00014 U	0.00023 U	0.00024 U	0.00017 U	0.00039 U	0.00016 U	0.00054 U	0.016 U	
SB-22		0.5-2	0.00021 U	0.00012 U	0.00025 U	0.00011 U	0.000061 U	0.0063 U	0.000094 U	0.000083 U	0.00013 U</												

**TABLE - 2**  
**SUMMARY OF GROUNDWATER QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

		TRPHs	PAHs																METALS														
Sample ID	Date Collected	TRPHs	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) berylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc
GCTL/MCL		5000	14	28	28	20	210	2100	210	280	280	210	210	0.2**	0.05a	0.05a	0.5	4.8	0.005a	0.05a	6	10	4	100	1000	15	2	100	50	100	2	5000	
<b>NADC</b>		<b>50000</b>	<b>140</b>	<b>280</b>	<b>280</b>	<b>200</b>	<b>21000</b>	<b>2100</b>	<b>2800</b>	<b>2800</b>	<b>2100</b>	<b>2100</b>	<b>20</b>	<b>5</b>	<b>5</b>	<b>50</b>	<b>480</b>	<b>0.5</b>	<b>5</b>	<b>60</b>	<b>100</b>	<b>40</b>	<b>50</b>	<b>1000</b>	<b>10000</b>	<b>150</b>	<b>20</b>	<b>1000</b>	<b>500</b>	<b>1000</b>	<b>20</b>	<b>50000</b>	
TMW-1	5/18/2023	720 U	0.26 U	0.035 U	0.062 U	0.020 I	0.028 U	0.018 U	0.021 U	0.016 U	0.015 U	0.017 U	0.029 U	0.019 U	0.018 U	0.025 U	0.022 U	0.024 U	0.023 U	0.022 U	5.5 U	8.3 I	0.19 I	0.33 U	3.6 I	2.6 U	2.1 U	0.090 U	4.0 I	3.9 U	1.0 U	0.11 U	11.0 U
TMW-3	5/18/2023	740 U	0.27 U	0.17 I	0.24 I	0.060 I	0.029 U	0.025 I	0.021 U	0.039 I	0.082 I	0.085 I	0.038 I	0.019 U	0.019 U	0.025 U	0.022 U	0.024 U	0.023 U	0.022 U	5.5 U	3.4 U	0.21 I	0.33 U	1.7 U	2.6 U	3.1 I	0.090 U	4.3 I	3.9 U	1.0 U	0.11 U	11.0 U
TMW-4	5/18/2023	870 I	0.26 U	0.035 U	0.062 U	0.022 I	0.028 U	0.018 U	0.021 U	0.016 U	0.025 I	0.023 I	0.029 U	0.019 U	0.018 U	0.025 U	0.022 U	0.024 U	0.023 U	0.022 U	5.5 U	7.0 I	0.29 I	0.33 U	3.2 I	2.6 U	2.1 U	0.090 U	4.8 I	3.9 U	1.0 U	0.11 U	11.0 U

All units in micrograms per liter ( $\mu\text{g/L}$ ), unless otherwise noted

GCTL and NADC from 62-777, F.A.C.

MCL from 62-550, F.A.C.

**GCTL** - Groundwater Cleanup Target Level

**MCL** - Maximum Contaminant Level

**NADC** = Natural Attenuation Default Concentration

U = result below method detection limit (MDL)

I = Value lies between the laboratory method detection limit and the practical quantitation limit

NA = Not Applicable

a = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PQL.

**BOLD** = Value exceeds the GCTL/MCL

**BOLD** = Value exceeds the NADC

**TABLE - 2**  
**SUMMARY OF GROUNDWATER QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

Sample ID	Date Collected	VOCS																																									
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Cumene (isopropylbenzene)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichlorobenzene	1,2-Dichloropropane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,4-Tri-methyl-benzene	1,3,5-Tri-methyl-benzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Dibromochloromethane	Methylene Chloride	Styrene	Tetrachloroethene	Trichlorofluoromethane	Vinyl chloride	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene				
GCTL/MCL		1	40	30	20	20	3	0.8	200	0.2	5	70	600	5	210	75	4200	280	560	6300	560	6300	91	0.6	4.4	9.8	700	3	100	12	70	2.7	0.4	70	5	100	3	3	2100	1	70	100	
<b>NADC</b>		<b>100</b>	<b>400</b>	<b>300</b>	<b>200</b>	<b>200</b>	<b>300</b>	<b>8</b>	<b>2000</b>	<b>20</b>	<b>500</b>	<b>700</b>	<b>6000</b>	<b>500</b>	<b>2100</b>	<b>7500</b>	<b>42000</b>	<b>2800</b>	<b>5600</b>	<b>63000</b>	<b>5600</b>	<b>63000</b>	<b>910</b>	<b>60</b>	<b>440</b>	<b>98</b>	<b>7000</b>	<b>300</b>	<b>1000</b>	<b>1200</b>	<b>700</b>	<b>270</b>	<b>40</b>	<b>NA</b>	<b>500</b>	<b>1000</b>	<b>300</b>	<b>21000</b>	<b>100</b>	<b>700</b>	<b>1000</b>		
TMW-1	5/18/2023	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U	0.27 U	1.8	0.30 U	0.59 U	0.30 U	0.34 U	0.59 U	0.73 I	0.23 U	0.33 U	7.7	0.24 U	0.24 U	6.7 U	3.2 U	7.5 U	8.7 U	0.37 U	0.19 U	0.48 U	3.9 U	1.8 U	0.44 U	6.8	3.7 U	0.56 U	0.43 U	0.45 U	0.68 U	1.7 U	0.26 U	0.38 U	0.36 U	0.72 U	0.39 U	0.27 U	0.23 U
TMW-3	5/18/2023	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U	0.27 U	1.7	0.30 U	0.59 U	0.30 U	0.34 U	0.59 U	0.60 U	0.23 U	0.33 U	5.0	0.24 U	0.24 U	6.7 U	3.2 U	7.5 U	8.7 U	0.37 U	0.19 U	0.48 U	3.9 U	1.8 U	0.44 U	6.9	3.7 U	0.56 U	0.43 U	0.45 U	0.68 U	1.7 U	0.26 U	0.38 U	0.36 U	0.72 U	0.39 U	0.27 U	0.23 U
TMW-4	5/18/2023	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U	0.27 U	0.30	0.30 U	0.59 U	0.30 U	0.34 U	0.59 U	0.60 U	0.23 U	0.33 U	4.3	0.24 U	0.24 U	6.7 U	3.2 U	7.5 U	8.7 U	0.37 U	0.19 U	0.48 U	3.9 U	1.8 U	0.44 U	6.4	3.7 U	0.56 U	0.43 U	0.45 U	0.68 U	1.7 U	0.26 U	0.38 U	0.36 U	0.72 U	0.39 U	0.27 U	0.23 U

All units in micrograms per liter ( $\mu\text{g/L}$ ), unless otherwise noted

GCTL and NADC from 62-777, F.A.C.

MCL from 62-550, F.A.C.

**GCTL** - Groundwater Cleanup Target Level

**MCL** - Maximum Contaminant Level

**NADC** = Natural Attenuation Default Concentration

U = result below method detection limit (MDL)

I = Value lies between the laboratory method detection limit and the practical quantitation limit

NA = Not Applicable

**BOLD** = Value exceeds the GCTL/MCL

**BOLD** = Value exceeds the NADC

**TABLE - 2**  
**SUMMARY OF GROUNDWATER QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

Sample ID	Date Collected	OCPs																		TDS	Radionuclides			
		4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane (Technical)	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)			
GCTL/MCL/SDWA		0.1	0.1	0.1	<b>0.002</b>	2	0.002	NA	NA	NA	2	NA	NA	0.4	0.2	40	3	0.006	0.02	2.1	0.2	500000	15 pCi/L	5 pCi/L
<b>NADC</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>0.2</b>	<b>200</b>	<b>0.2</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>20</b>	<b>NA</b>	<b>NA</b>	<b>40</b>	<b>20</b>	<b>400</b>	<b>300</b>	<b>0.6</b>	<b>2</b>	<b>21</b>	<b>20</b>	<b>5000000</b>		
TMW-1	5/18/2023	0.0026 U	0.0047 U	0.0048 U	0.0087 U	0.23 U	0.0019 U	0.0048 U	0.0038 U	0.0026 U	0.0041 U	0.0034 U	0.0047 U	0.0059 U	0.0028 U	0.0040 U	0.24 U	0.0020 U	0.019 U	0.0094 U	0.0021 U	476000	<b>19.1 ± 3.96</b>	4.23 ± 1.49
TMW-3	5/18/2023	0.0025 U	0.0047 U	0.0048 U	0.0087 U	0.23 U	0.0019 U	0.0048 U	0.0038 U	0.0025 U	0.0041 U	0.0034 U	0.0047 U	0.0058 U	0.0027 U	0.0040 U	0.24 U	0.0020 U	<b>0.028 I</b>	0.0093 U	0.0021 U	<b>914000</b>	3.04 ± 1.83	2.00 ± 1.14
TMW-4	5/18/2023	0.0025 U	0.0047 U	0.0048 U	0.0087 U	0.23 U	0.0019 U	0.0048 U	0.0038 U	0.0025 U	0.0040 U	0.0034 U	0.0047 U	0.0058 U	0.0027 U	0.0040 U	0.24 U	0.0020 U	0.019 U	0.0093 U	0.0069 I	<b>3560000</b>	<b>15.6 ± 3.75</b>	<b>8.67 ± 2.10</b>

All units in micrograms per liter ( $\mu\text{g}/\text{L}$ ), unless otherwise noted

GCTL and NADC from 62-777, F.A.C.

MCL from 62-550, F.A.C.

**GCTL** - Groundwater Cleanup Target Level

**MCL** - Maximum Contaminant Level

**NADC** = Natural Attenuation Default Concentration

U = result below method detection limit (MDL)

I = Value lies between the laboratory method detection limit and the practical quantitation limit

NA = Not Applicable

**BOLD** = Value exceeds the GCTL/MCL or EPA Safe Drinking Water Act (SDWA) Standards

**BOLD** = Value exceeds the NADC

**TABLE - 3**  
**SUMMARY OF SURFACE WATER QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

Sample ID	Date Collected	TRPHs	PAHs															METALS															
			Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene	Antimony	Arsenic	Beryllium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Thallium	Zinc	
SWC		NA	NA	NA	NA	2.7	0.031aa	110	0.031aa	0.37	14	0.031aa	11	0.031aa	0.031aa	0.031aa	0.031aa	0.031aa	4300	50	0.13	*	*	0.012	*	5.0	0.07	6.3	*				
SW-1	05/18/2023	720 U	0.27 U	0.036 U	0.063 U	0.018 U	0.029 U	0.018 U	0.021 U	0.017 U	0.016 U	0.018 U	0.030 U	0.019 U	0.018 U	0.025 U	0.022 U	0.024 U	0.023 U	0.022 U	5.5 U	3.4 U	0.17 U	0.33 U	1.7 U	2.6 U	2.1 U	0.090 U	1.0 U	3.9 U	1.0 U	0.11 U	11.0 U
SW-2	05/18/2023	750 U	0.26 U	0.035 U	0.062 U	0.017 U	0.028 U	0.018 U	0.021 U	0.018 I	0.015 U	0.021 I	0.029 U	0.019 U	0.018 U	0.025 U	0.022 U	0.024 U	0.023 U	0.022 U	5.5 U	3.4 U	0.17 U	0.33 U	1.7 U	2.6 U	2.1 U	0.090 U	1.0 U	3.9 U	1.0 U	0.11 U	11.0 U

All units in micrograms per liter ( $\mu\text{g/L}$ ), unless otherwise noted

SWC = Surface Water Criteria

aa= annual average

U = result below method detection limit (MDL)

I = Value lies between the laboratory method detection limit and the practical quantitation limit

NA = Not Applicable

\*= Value determined by a logarithmic calculation based on  $\text{CaCO}_3$  concentration, as defined in Chapter 62-302.530, F.A.C.

**BOLD** = Value exceeds the freshwater Surface Water Quality Criteria established in Chapter 62-302.530, F.A.C.

**TABLE - 3**  
**SUMMARY OF SURFACE WATER QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

Sample ID	Date Collected	VOCS																																									
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	1,2-Dichloroethane	Cumene (isopropylbenzene)	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloropropane	1,1-Dichlorobenzene	1,2-Dichloropropane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2,4-Tri-methyl-benzene	1,3,5-Tri-methyl-benzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Styrene	Trichloroethene	Vinyl chloride	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene		
SWC		71.28aa	NA	NA	NA	NA	NA	NA	NA	8.85aa	NA	NA	3.2aa	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	360aa	NA	NA	4.42aa	NA	NA	470.8aa	470.8aa	22aa	NA	1580aa	NA	NA	80.7aa	NA	NA	NA	NA	NA	
SW-1	05/18/2023	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U	0.27 U	0.30 U	0.30 U	0.59 U	0.30 U	0.34 U	0.59 U	0.60 U	0.23 U	0.33 U	0.28 U	0.24 U	0.24 U	6.7 U	3.2 U	7.5 U	8.7 U	0.37 U	0.19 U	0.48 U	3.9 U	1.8 U	0.44 U	0.35 U	3.7 U	0.56 U	0.43 U	0.45 U	0.68 U	1.7 U	0.26 U	0.38 U	0.36 U	0.72 U	0.39 U	0.27 U	0.23 U
SW-2	05/18/2023	0.30 U	0.33 U	0.30 U	2.1 U	1.2 U	0.27 U	0.30 U	0.30 U	0.59 U	0.30 U	0.34 U	0.59 U	0.60 U	0.23 U	0.33 U	0.28 U	0.24 U	0.24 U	6.7 U	3.2 U	7.5 U	8.7 U	0.37 U	0.19 U	0.48 U	3.9 U	1.8 U	0.44 U	0.35 U	3.7 U	0.56 U	0.43 U	0.45 U	0.68 U	1.7 U	0.26 U	0.38 U	0.36 U	0.72 U	0.39 U	0.27 U	0.23 U

All units in micrograms per liter ( $\mu\text{g/L}$ ), unless otherwise noted

**SWC** = Surface Water Criteria

aa= annual average

U = result below method detection limit (MDL)

I = Value lies between the laboratory method detection limit and the practical quantitation limit

NA = Not Applicable

\*= Value determined by a logarithmic calculation based on  $\text{CaCO}_3$  concentration, as defined in Chapter 62-302.530, F.A.C.

**BOLD** = Value exceeds the freshwater Surface Water Quality Criteria established in Chapter 62-302.530, F.A.C.

**TABLE - 3**  
**SUMMARY OF SURFACE WATER QUALITY DATA**  
**LENA ROAD**  
**BRADENTON, FLORIDA**

Sample ID	Date Collected	OCPs																TDS	Radionuclides					
		4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	Chlordane (Technical)	Dieldrin	Endosulfan I	Endosulfan II	Endosulfate sulfate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Gross Alpha	Total Radium	
SWC		NA	NA	0.001	3	0.0043	0.0019	0.056	NA	0.0023	NA	NA	0.0038	NA	0.03	0.0002	NA	0.046aa	NA	NA	NA	15	5	
SW-1	05/18/2023	0.0052 U	0.0097 U	0.0099 U	0.018 U	0.48 U	0.0039 U	0.0099 U	0.0078 U	0.0052 U	0.0083 U	0.0070 U	0.0097 U	0.012 U	0.0056 U	0.0081 U	0.48 U	0.0041 U	0.039 U	0.019 U	0.0043 U	128000	1.91U ± 0.979	3.58U ± 1.63
SW-2	05/18/2023	0.0051 U	0.0095 U	0.0096 U	0.017 U	0.47 U	0.0038 U	0.0096 U	0.0076 U	0.0051 U	0.0081 U	0.0068 U	0.0095 U	0.012 U	0.0055 U	0.0079 U	0.47 U	0.0040 U	0.038 U	0.019 U	0.0042 U	113000	1.54U ± 0.881	5.24U ± 2.40

All units in micrograms per liter ( $\mu\text{g/L}$ ), unless otherwise noted

SWC = Surface Water Criteria

aa= annual average

U = result below method detection limit (MDL)

I = Value lies between the laboratory method detection limit and the practical quantitation limit

NA = Not Applicable

\*= Value determined by a logarithmic calculation based on  $\text{CACO}_3$  concentration, as defined in Chapter 62-302.530, F.A.C.

**BOLD** = Value exceeds the freshwater Surface Water Quality Criteria established in Chapter 62-302.530, F.A.C.

**APPENDIX A**  
**FIELD LOGS**

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

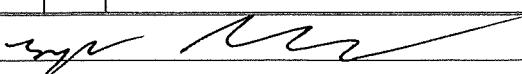
SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Browardton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87°F  
BORING TERMINATION DEPTH 7 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-1 / TMW-1  
GEOLOGIST Logan Bridges  
DRILLING METHOD HA SIZE 3 7/8  
OPERATOR Kimley - Horn  
GROUND ELEVATION \_\_\_\_\_  
DEPTH TO WATER ~ 3.0  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE 2" PVC LENGTH 5 ft screen, 5 ft blank,  
3 ft stuckup

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DESCRIPTION	REMARKS
0					Poorly graded sand (SP), brown, very fine grained, subangular dry	
1						
2					color change - light brown, moist	
3						
4						
5					Clayey sand (SC), light brown, very fine grained, subangular, low plasticity, saturated	
b						
7					Poorly graded sand (SP), light brown, very fine grained, subangular, saturated	
					End boring @ 7 ft BGS	

KHA REPRESENTATIVE



DATE 5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
 PROJECT NAME Lena Road Property  
 CLIENT \_\_\_\_\_  
 LOCATION Brenton, FL  
 DATE 5/17/2023  
 WEATHER Sunny, ~87°F  
 BORING TERMINATION DEPTH 6 ft  
 BORING REFUSAL DEPTH 6 ft

BORING NO. SB-2 / TMW-2  
 GEOLOGIST Logan Bridges  
 DRILLING METHOD H/A SIZE 3 3/4  
 OPERATOR Kimley - Horn  
 GROUND ELEVATION \_\_\_\_\_  
 DEPTH TO WATER ~2 ft  
 BOREHOLE COMPLETION 5/17/2023  
 CASING SIZE 2" PVC LENGTH 5 ft screen, 5 ft & blank,  
4 ft & backup

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DESCRIPTION	REMARKS
0					Poorly graded sand (SP), brown, very fine grained, unbounded, dry	
1					Coarse sand (SP), light brown, very fine grained, unbounded, max diameter ~0.5" subangular to subrounded, moist	
2					Poorly graded sand (SP), light brown, very fine grained, unbounded, saturated	
3						
4					Coarse sand (SC), brown, very fine grained, unbounded, low plasticity, saturated.	
5						
b					End boring @ b ft BGS	
					Refusal @ 6 ft BGS Prior attempts (5 total) refusal encountered @ ~0.5 to 1.5 ft BGS	

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*[Signature]*

DATE 5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
 PROJECT NAME Lena Road Property  
 CLIENT \_\_\_\_\_  
 LOCATION Bramenton, FL  
 DATE 5/17/2023  
 WEATHER Sunny, ~87°F  
 BORING TERMINATION DEPTH 6 ft  
 BORING REFUSAL DEPTH 6 ft

BORING NO. SB-3 / TMw-3  
 GEOLOGIST Logan Bridges  
 DRILLING METHOD H A SIZE 3 1/4  
 OPERATOR Kimley - Horn  
 GROUND ELEVATION \_\_\_\_\_  
 DEPTH TO WATER ~2 ft  
 BOREHOLE COMPLETION 5/17/2023  
 CASING SIZE 2" PVC LENGTH 5 ft screen, 6 ft blank,  
4 ft stickup

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DISCRIPTION	REMARKS
0					Poorly graded sand (SP), brown, very fine grained, subangular, dry	
1						most
2					Trash debris encountered @ ~2 ft BGS - plastic, glass, rope, paper	
3						Slight product smell from soil
4						
5						
6					End boring @ 6 ft BGS Refusal @ 6 ft BGS	

KHA REPRESENTATIVE

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DATE 5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
 PROJECT NAME Lessa Road Property  
 CLIENT \_\_\_\_\_  
 LOCATION Branchton, FL  
 DATE 5/18/2023  
 WEATHER ~88°F  
 BORING TERMINATION DEPTH 7 ft  
 BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. TMW-4  
 GEOLOGIST Logan Bridges  
 DRILLING METHOD H A SIZE 3 3/4  
 OPERATOR Kimley-Horn  
 GROUND ELEVATION \_\_\_\_\_  
 DEPTH TO WATER ~2 ft  
 BOREHOLE COMPLETION 5/18/2023  
 CASING SIZE \_\_\_\_\_ LENGTH \_\_\_\_\_

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DESCRIPTION	REMARKS
0					Poorly graded sand (SP), brown, very fine grained, subrounded, dry	
1					Gravelly sand (SP) light brown, very fine grained, subrounded, max diameter ~0.5", subangular to subrounded, moist	
2					Poorly graded sand (SP), light brown, very fine grained, subrounded, saturated	
3						
4					Clayey sand (SC), brown, very fine grained, subrounded, low plasticity, saturated	
5						
b					Poorly graded sand (SP) gray, very fine to fine grained, subrounded, saturated	
7					End boring @ 7 ft BGS	

KHA REPRESENTATIVE

Tom Meek

DATE 5/18/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 1.5  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-4  
GEOLOGIST Logan Bridges  
DRILLING METHOD H A SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION \_\_\_\_\_  
DEPTH TO WATER ~1.5  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

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5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 2 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-5  
GEOLOGIST Logan Bridges  
DRILLING METHOD H A SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~ 2 FT  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

KHA REPRESENTATIVE

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DATE 5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.

## SOIL BORING LOG

SHEET 1 OF 1

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 2 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-7  
GEOLOGIST Logan Bridges  
DRILLING METHOD HA SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~2 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Brandenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 2 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-8  
GEOLOGIST Logan Bridges  
DRILLING METHOD HA SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~2 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

KHA REPRESENTATIVE

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DATE 5/17/2023

**KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG**

SHEET } OF }

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Ranch Property  
CLIENT \_\_\_\_\_  
LOCATION Brandon, FL  
DATE 5/18/2023  
WEATHER ~88° F, sunny,  
BORING TERMINATION DEPTH 2 FT  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-9  
GEOLOGIST Logan Bridges  
DRILLING METHOD HAT SIZE 3 3/4  
OPERATOR KHA  
GROUND ELEVATION \_\_\_\_\_  
DEPTH TO WATER ~ 2 ft  
BOREHOLE COMPLETION 5/18/2073  
CASING SIZE LENGTH

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DESCRIPTION	REMARKS
0					Silty sand (SS), dark brown, very fine sand, subrounded, dry	
1					Poorly graded sand (SP), light brown, very fine grained, subrounded, moist	
2					End bearing @ 2 ft BGs	

**KHA REPRESENTATIVE**

*Wm. H. W.*

DATE 5/18/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Branchton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 2.5 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-10  
GEOLOGIST Logan Bridges  
DRILLING METHOD HA SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~2.0 . f +  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET OF

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 3 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-11  
GEOLOGIST Logan Bridges  
DRILLING METHOD HA SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER 3 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DISCRIPTION	REMARKS
0					Poorly graded sand (SP), dark brown, subangular, very fine grained, moist	
1						
2						
3					End boring @ 3 ft BGS	

KHA REPRESENTATIVE

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**KIMLEY-HORN AND ASSOCIATES, INC.**  
**SOIL BORING LOG**

SHEET } OF

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lenn Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/18/2023  
WEATHER ~88°F, sunny  
BORING TERMINATION DEPTH 3.5  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. 51-12  
GEOLOGIST Logan Bridges  
DRILLING METHOD H.A. SIZE 3 3/4  
OPERATOR Kimley Horn  
GROUND ELEVATION \_\_\_\_\_  
DEPTH TO WATER ~3.5  
BOREHOLE COMPLETION 5/18/2023  
CASING SIZE \_\_\_\_\_ LENGTH \_\_\_\_\_

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DISCRIPTION	REMARKS
0					Poorly graded sand (SP), brown, very fine grained, subrounded, dry	
1						
2					Trash encountered @ 2 to 3.5 ft BGS	
3						
4					End bore, @ 325 ft BGS	

KHA REPRESENTATIVE

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DATE 5/18/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87°F  
BORING TERMINATION DEPTH 2.5 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-13  
GEOLOGIST Logan Bridges  
DRILLING METHOD H.A. SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~ 2.5 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

KHA REPRESENTATIVE

*Ernest R. May*

DATE 5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Branchton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 3.5  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-14  
GEOLOGIST Logan Bridges  
DRILLING METHOD HA SIZE 3 1/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~ 3.5 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

KHA REPRESENTATIVE

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DATE 5/17/2023

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Bradenton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 3.5 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-15  
GEOLOGIST Logan Bridges  
DRILLING METHOD H A SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION \_\_\_\_\_  
DEPTH TO WATER ~3.5 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DISCRIPTION	REMARKS
0					Poorly graded sand (SP), brown, fine grained, subangular, moist	
1					Silty sand (SM), brown, fine grained, subangular, moist	
2					Poorly graded sand (SP), dark brown, subangular, moist	
3						
4					End boring @ 3.5 ft BGS	

KHA REPRESENTATIVE

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DATE

5/17/2023

**KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG**

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lava Road Property  
CLIENT \_\_\_\_\_  
LOCATION Brandon, FL  
DATE 5/18/2023  
WEATHER Cloudy, ~88°F  
BORING TERMINATION DEPTH 3 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-1b  
GEOLOGIST Logan Bridges  
DRILLING METHOD 17A SIZE 3 3/4  
OPERATOR KHA  
GROUND ELEVATION \_\_\_\_\_  
DEPTH TO WATER ~3 ft  
BOREHOLE COMPLETION 5/18/2023  
CASING SIZE LENGTH

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DESCRIPTION	REMARKS
0					Silty Sand (CSM), very dark brown, very fine grained, subrounded, dry	
1						
2						
3					End boring @ 3 ft BGS	

KIMLEY-HORN AND ASSOCIATES, INC.  
SOIL BORING LOG

SHEET 1 OF 1

PROJECT NO. \_\_\_\_\_  
PROJECT NAME Lena Road Property  
CLIENT \_\_\_\_\_  
LOCATION Branchton, FL  
DATE 5/17/2023  
WEATHER Sunny, ~87° F  
BORING TERMINATION DEPTH 3 ft  
BORING REFUSAL DEPTH \_\_\_\_\_

BORING NO. SB-17  
GEOLOGIST Logan Bridges  
DRILLING METHOD H A SIZE 3 3/4  
OPERATOR Kimley - Horn  
GROUND ELEVATION  
DEPTH TO WATER ~3 ft  
BOREHOLE COMPLETION 5/17/2023  
CASING SIZE LENGTH

DEPTH SCALE	SAMPLE NO.	BLOWS	REC	PID	LITHOLOGIC DISCRIPTION	REMARKS
0					Poorly graded sand (sp), light brown, floc very fine graded, subangular, w <sub>3</sub> +	
1						
2						
3					End boring @ 3 ft BG>	

## DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME:	Lena Road		SITE LOCATION:	Bradenton, FL	
WELL NO:	Tnw-1	SAMPLE ID:	Tnw-1	DATE:	5/18/2023

## PURGING DATA

WELL DIAMETER (inches):	2"	TUBING DIAMETER (inches):	1/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	7.76	PURGE PUMP TYPE OR BAILER:	PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)			= (10 feet - 7.76 feet) X 0.16 gallons/foot = 0.36 gallons								
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY (only fill out if applicable)			= gallons + (gallons/foot X feet) + gallons = gallons								
INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		9.50	FINAL PUMP OR TUBING DEPTH IN WELL (feet):		9.50	PURGING INITIATED AT:	1108	PURGING ENDED AT:	1130	TOTAL VOLUME PURGED (gallons):	2.20
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) $\mu\text{hos/cm}$ or $\mu\text{S/cm}$	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1112	0.40	0.40	0.10	8.74	6.07	24.63	2799	0.54/6.6	11.8	clear/yellow	none
1114	0.20	0.60	0.10	8.78	6.37	25.13	2796	0.48/5.8	24.1		
1118	0.40	1.00	0.10	8.78	6.14	24.98	2880	0.19/2.3	5.47		
1122	0.40	1.40	0.10	8.79	6.32	25.14	7650	0.12/1.5	6.36		
126	0.40	1.80	0.10	8.79	6.46	25.22	2161	0.28/3.3	10.7		
1130	0.40	2.20	0.10	8.80	6.53	24.86	1866	0.30/4.3	13.0		
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Max Snyderman			SAMPLER(S) SIGNATURE(S): Mif Shin			SAMPLING INITIATED AT:	1131	SAMPLING ENDED AT:	1211
PUMP OR TUBING DEPTH IN WELL (feet): 9.5			TUBING MATERIAL CODE: PE			FIELD-FILTERED: Y <input checked="" type="radio"/> N <input type="radio"/> Filtration Equipment Type:		FILTER SIZE: _____ $\mu\text{m}$	
FIELD DECONTAMINATION: PUMP Y <input checked="" type="radio"/> N			TUBING Y <input checked="" type="radio"/> N (replaced)			DUPPLICATE: Y <input checked="" type="radio"/> N			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
				SEE	(50)				
REMARKS:									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2$  °C Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2$  mg/L or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $\leq 20$  NTU; optionally  $\pm 5$  NTU or  $\pm 10\%$  (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME:	Lena Road	SITE LOCATION:	Bradenton, FL
WELL NO:	TMW-3	SAMPLE ID:	TMW-3
BURGING DATA			

## PURGING DATA

WELL DIAMETER (inches):	<u>2<sup>11</sup></u>	TUBING DIAMETER (inches):	<u>1<sup>11</sup>/8</u>	WELL SCREEN INTERVAL DEPTH: <u>450</u> feet to <u>650</u> feet	STATIC DEPTH TO WATER (feet):	<u>6.70</u>	PURGE PUMP TYPE OR BAILER:	<u>PP</u>
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WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
(only fill out if applicable) 10' x 1.78' = 17.8' X 11

$$= (10 \text{ feet} - 6.70 \text{ feet}) \times 0.16 \text{ gallons/foot} = 0.53 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY (only fill out if applicable) X TUBING LENGTH) + FLOW CELL VOLUME

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8' FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8' PURGING INITIATED AT: 0909 PURGING ENDED AT: 0931 TOTAL VOLUME PURGED (gallons): 2.20

WELL CAPACITY (Gallons Per Foot):  $0.75'' = 0.02$ ;  $1'' = 0.04$ ;  $1.25'' = 0.06$ ;  $2'' = 0.16$ ;  $3'' = 0.37$ ;  $4'' = 0.65$ ;  $5'' = 1.02$ ;  $6'' = 1.47$ ;  $12'' = 5.88$   
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.):  $1/8'' = 0.0006$ ;  $3/16'' = 0.0014$ ;  $1/4'' = 0.0026$ ;  $5/16'' = 0.004$ ;  $3/8'' = 0.006$ ;  $1/2'' = 0.010$ ;  $5/8'' = 0.016$

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

## SAMPLING DATA

REMARKS: MS/MSD Sampled

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONCENTRIC BEARINGS (SEE ES 2212, SECTION 3).

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2 \text{ mg/l}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $< 20 \text{ NTU}$ ; optionally  $\pm 5 \text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

SITE NAME: <i>Lenna Road</i>	SITE LOCATION: <i>Bradenton, FL</i>	
WELL NO: <i>TMW-4</i>	SAMPLE ID: <i>TMW-4</i>	DATE: <i>5/18/2023</i>

## PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:
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**WELL VOLUME PURGE:** 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY  
(only fill out if applicable)

$$= (10 \text{ feet} - 1.53 \text{ feet}) \times 0.16 \text{ gallons/foot} = 0.44 \text{ gallons}$$

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME  
(only fill out if applicable)

=      gallons + (                  gallons/foot X                  feet) +                  gallons =                  gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9' FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9' PURGING INITIATED AT: 1240 PURGING ENDED AT: 1248 TOTAL VOLUME PURGED (gallons): 0.80

**WELL CAPACITY** (Gallons Per Foot):  $0.75'' = 0.02$ ;  $1'' = 0.04$ ;  $1.25'' = 0.06$ ;  $2'' = 0.16$ ;  $3'' = 0.37$ ;  $4'' = 0.65$ ;  $5'' = 1.02$ ;  $6'' = 1.47$ ;  $12'' = 5.88$   
**TUBING INSIDE DIA. CAPACITY** (Gal./Ft.):  $1/8'' = 0.0006$ ;  $3/16'' = 0.0014$ ;  $1/4'' = 0.0026$ ;  $5/16'' = 0.004$ ;  $3/8'' = 0.006$ ;  $1/2'' = 0.010$ ;  $5/8'' = 0.016$

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

## SAMPLING DATA

REMARKS:

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;  
S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING EQUIPMENT CODES:** APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;  
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE ES 2212 SECTION 3)

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2\text{ mg/l}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $< 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

## Surface water

SITE NAME:	Lawn Ranch Property	SITE LOCATION:	Bradenton, FL
WELL NO:	SW-1	SAMPLE ID:	SW-1
		DATE: 5/18/2023	

## PURGING DATA

**WELL CAPACITY** (Gallons Per Foot):  $0.75'' = 0.02;$     $1'' = 0.04;$     $1.25'' = 0.06;$     $2'' = 0.16;$     $3'' = 0.37;$     $4'' = 0.65;$     $5'' = 1.02;$     $6'' = 1.47;$     $12'' = 5.88$   
**TUBING INSIDE DIA. CAPACITY** (Gal./Ft.):  $1/8'' = 0.0006;$     $3/16'' = 0.0014;$     $1/4'' = 0.0026;$     $5/16'' = 0.0044;$     $3/8'' = 0.006;$     $1/2'' = 0.010;$     $5/8'' = 0.016$

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

## SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Logan Bridges / KIWA</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: <b>1150</b>		SAMPLING ENDED AT: <b>1210</b>		
PUMP OR TUBING DEPTH IN WELL (feet):		TUBING MATERIAL CODE:		FIELD-FILTERED: Y N		FILTER SIZE: _____ μm Filtration Equipment Type:			
FIELD DECONTAMINATION: PUMP Y N TUBING Y N (replaced)				DUPLICATE: Y N					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
REMARKS: <i>"See COC"</i>									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

#### **2 STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2\text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $< 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

DEP Form FD 9000-24: GROUNDWATER SAMPLING LOG

## Surface wave

SITE NAME: Lena Road Property SITE LOCATION: Bradenton, FL  
WELL NO: SW-2 SAMPLE ID: SW-2 DATE: 5/18/2023

## PURGING DATA

ORP

**WELL CAPACITY** (Gallons Per Foot):  $0.75'' = 0.02$ ;  $1'' = 0.04$ ;  $1.25'' = 0.06$ ;  $2'' = 0.16$ ;  $3'' = 0.37$ ;  $4'' = 0.65$ ;  $5'' = 1.02$ ;  $6'' = 1.47$ ;  $12'' = 5.88$   
**TUBING INSIDE DIA. CAPACITY** (Gal./Ft.):  $1/8'' = 0.0006$ ;  $3/16'' = 0.0014$ ;  $1/4'' = 0.0026$ ;  $5/16'' = 0.004$ ;  $3/8'' = 0.006$ ;  $1/2'' = 0.010$ ;  $5/8'' = 0.016$

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

**PURGING EQUIPMENT CODES:** B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

## SAMPLING DATA

REMARKS: Surface water sample

**MATERIAL CODES:** AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;  
S = Silicone; T = Teflon; O = Other (Specify)

**SAMPLING EQUIPMENT CODES:** APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;  
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

**NOTES:** 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

## **2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)**

pH:  $\pm 0.2$  units Temperature:  $\pm 0.2^\circ\text{C}$  Specific Conductance:  $\pm 5\%$  Dissolved Oxygen: all readings  $\leq 20\%$  saturation (see Table FS 2200-2); optionally,  $\pm 0.2\text{ mg/L}$  or  $\pm 10\%$  (whichever is greater) Turbidity: all readings  $< 20\text{ NTU}$ ; optionally  $\pm 5\text{ NTU}$  or  $\pm 10\%$  (whichever is greater)

## WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA				
Well Number: <b>TMW-1</b>	Site Name: <b>Lena Road Property</b>	FDEP Facility I.D. Number:		Well Install Date(s): <b>5/17/2023</b>
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input checked="" type="checkbox"/> Above Grade (AG) <input type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)		Well Install Method: <b>HA</b>
If AG, list feet of riser above land surface: <b>3</b>		Surface Casing Install Method:		
Borehole Depth (feet): <b>7 ft</b>	Well Depth (feet): <b>7 ft</b>	Borehole Diameter (inches): <b>3 3/4</b>	Manhole Diameter (inches):	Well Pad Size: _____ feet by _____ feet
Riser Diameter and Material: <b>2" PVC Blank</b>	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-Threaded <input type="checkbox"/> Other (describe)	Riser Length: <b>5</b> feet from <b>+3</b> feet to <b>-2</b> feet		
Screen Diameter and Material: <b>2" PVC</b>	Screen Slot Size: <b>#10</b>	Screen Length: <b>5</b> feet from <b>-2</b> feet to <b>-7</b> feet		
1 <sup>st</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	1 <sup>st</sup> Surface Casing I.D. (inches):	1 <sup>st</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
2 <sup>nd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	2 <sup>nd</sup> Surface Casing I.D. (inches):	2 <sup>nd</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
3 <sup>rd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	3 <sup>rd</sup> Surface Casing I.D. (inches):	3 <sup>rd</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
Filter Pack Material and Size: <b>20/30 Sand</b>	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: <b>700</b> feet from <b>-0.0</b> feet to <b>-700</b> feet		
Filter Pack Seal Material and Size:		Filter Pack Seal Length: _____ feet from _____ feet to _____ feet		
Surface Seal Material:		Surface Seal Length: _____ feet from _____ feet to _____ feet		

WELL DEVELOPMENT DATA				
Well Development Date: <b>5/17/2023</b>	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)			
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): <b>~2 ft</b>			
Pumping Rate (gallons per minute): <b>~0.2</b>	Maximum Drawdown of Groundwater During Development (feet): _____	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <b>~18</b>	Development Duration (minutes): <b>~40</b>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <b>Brown / None</b>		Water Appearance (color and odor) At End of Development: <b>Clear / None</b>		

## WELL CONSTRUCTION OR DEVELOPMENT REMARKS

## WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA				
Well Number: <i>TMW-2</i>	Site Name: <i>Lena Road Property</i>	FDEP Facility I.D. Number:	Well Install Date(s): <i>5/17/2023</i>	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input checked="" type="checkbox"/> Above Grade (AG) <input type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)	Well Install Method: <i>HA</i>	
If AG, list feet of riser above land surface: <i>4.0</i>		Surface Casing Install Method:		
Borehole Depth (feet): <i>6.0</i>	Well Depth (feet): <i>6.0</i>	Borehole Diameter (inches): <i>3 1/4</i>	Manhole Diameter (inches):	Well Pad Size: _____ feet by _____ feet
Riser Diameter and Material: <i>2" PVC Blank</i>	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-T threaded <input type="checkbox"/> Other (describe)	Riser Length: <i>5.0</i> feet from <i>+4.0</i> feet to <i>-1.0</i> feet		
Screen Diameter and Material: <i>2" PVC</i>	Screen Slot Size: <i>#10</i>	Screen Length: <i>5.0</i> feet from <i>-1.0</i> feet to <i>-1.0</i> feet		
1 <sup>st</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	1 <sup>st</sup> Surface Casing I.D. (inches):	1 <sup>st</sup> Surface Casing Length: _____ feet from <i>0</i> feet to _____ feet		
2 <sup>nd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	2 <sup>nd</sup> Surface Casing I.D. (inches):	2 <sup>nd</sup> Surface Casing Length: _____ feet from <i>0</i> feet to _____ feet		
3 <sup>rd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	3 <sup>rd</sup> Surface Casing I.D. (inches):	3 <sup>rd</sup> Surface Casing Length: _____ feet from <i>0</i> feet to _____ feet		
Filter Pack Material and Size: <i>20/30 sand</i>	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: <i>6.0</i> feet from <i>0.0</i> feet to <i>-6.0</i> feet		
Filter Pack Seal Material and Size:		Filter Pack Seal Length: _____ feet from _____ feet to _____ feet		
Surface Seal Material:		Surface Seal Length: _____ feet from _____ feet to _____ feet		

WELL DEVELOPMENT DATA				
Well Development Date: <i>5/17/2023</i>	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)			
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): <i>~2.0</i>			
Pumping Rate (gallons per minute): <i>~0.2</i>	Maximum Drawdown of Groundwater During Development (feet): <i>Dewatered</i>	Well Purged Dry (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <i>~1.0</i>	Development Duration (minutes): <i>~60</i>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <i>Brown / None</i>		Water Appearance (color and odor) At End of Development: <i>Brown / None</i>		

## WELL CONSTRUCTION OR DEVELOPMENT REMARKS

**WELL CONSTRUCTION AND DEVELOPMENT LOG**

<b>WELL CONSTRUCTION DATA</b>				
Well Number: <b>TMW-3</b>	Site Name: <b>Lenna Road</b>	FDEP Facility I.D. Number:	Well Install Date(s): <b>5/17/2023</b>	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input checked="" type="checkbox"/> Above Grade (AG) <input type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)	Well Install Method: <b>HA</b>	
If AG, list feet of riser above land surface: <b>4.0</b>		Surface Casing Install Method:		
Borehole Depth (feet): <b>6 ft</b>	Well Depth (feet): <b>6.0</b>	Borehole Diameter (inches): <b>3 1/4</b>	Manhole Diameter (inches):	Well Pad Size: _____ feet by _____ feet
Riser Diameter and Material: <b>2" PVC Blank</b>	Riser/Screen Connections: <input type="checkbox"/> Flush-Threaded <input checked="" type="checkbox"/> Other (describe)	Riser Length: <b>5.0</b> feet from <b>+4.0</b> feet to <b>-1.0</b> feet		
Screen Diameter and Material: <b>2" PVC</b>	Screen Slot Size: <b>#10</b>	Screen Length: <b>5.0</b> feet from <b>-1.0</b> feet to <b>-6.0</b> feet		
1 <sup>st</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	1 <sup>st</sup> Surface Casing I.D. (inches):	1 <sup>st</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
2 <sup>nd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	2 <sup>nd</sup> Surface Casing I.D. (inches):	2 <sup>nd</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
3 <sup>rd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	3 <sup>rd</sup> Surface Casing I.D. (inches):	3 <sup>rd</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
Filter Pack Material and Size: <b>20/30 Sand</b>	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: <b>6.0</b> feet from <b>0.0</b> feet to <b>-6.0</b> feet		
Filter Pack Seal Material and Size:	Filter Pack Seal Length: _____ feet from _____ feet to _____ feet			
Surface Seal Material:	Surface Seal Length: _____ feet from _____ feet to _____ feet			

<b>WELL DEVELOPMENT DATA</b>				
Well Development Date: <b>5/17/2023</b>	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)			
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): <b>-2 ft</b>			
Pumping Rate (gallons per minute): <b>~0.2</b>	Maximum Drawdown of Groundwater During Development (feet): _____	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <b>~24</b>	Development Duration (minutes): <b>~120</b>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <b>Brown / slight petro (product) odor</b>		Water Appearance (color and odor) At End of Development: <b>yellow / slight petro</b>		

**WELL CONSTRUCTION OR DEVELOPMENT REMARKS**

## WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA				
Well Number: <b>TMW-4</b>	Site Name: <b>Lena Road Property</b>	FDEP Facility I.D. Number:	Well Install Date(s): <b>5/18/2023</b>	
Well Location and Type (check appropriate boxes): <input checked="" type="checkbox"/> On-Site <input type="checkbox"/> Right-of-Way <input type="checkbox"/> Off-Site Private Property <input checked="" type="checkbox"/> Above Grade (AG) <input type="checkbox"/> Flush-to-Grade		Well Purpose: <input type="checkbox"/> Perched Monitoring <input checked="" type="checkbox"/> Shallow (Water-Table ) Monitoring <input type="checkbox"/> Intermediate or Deep Monitoring <input type="checkbox"/> Remediation or Other (describe)	Well Install Method: <b>HA</b>	
If AG, list feet of riser above land surface: <b>43.0</b>		Surface Casing Install Method:		
Borehole Depth (feet): <b>7.0</b>	Well Depth (feet): <b>7.0</b>	Borehole Diameter (inches): <b>3 3/4</b>	Manhole Diameter (inches):	Well Pad Size: _____ feet by _____ feet
Riser Diameter and Material: <b>2" PVC Blank</b>	Riser/Screen Connections: <input checked="" type="checkbox"/> Flush-T hreaded <input type="checkbox"/> Other (describe)	Riser Length: <b>5.0</b> feet from <b>+3.0</b> feet to <b>-2.0</b> feet		
Screen Diameter and Material: <b>2" PVC</b>	Screen Slot Size: <b>#10</b>	Screen Length: <b>5.0</b> feet from <b>-2.0</b> feet to <b>-7.0</b> feet		
1 <sup>st</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	1 <sup>st</sup> Surface Casing I.D. (inches):	1 <sup>st</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
2 <sup>nd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	2 <sup>nd</sup> Surface Casing I.D. (inches):	2 <sup>nd</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
3 <sup>rd</sup> Surface Casing Material: also check: <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Temporary	3 <sup>rd</sup> Surface Casing I.D. (inches):	3 <sup>rd</sup> Surface Casing Length: _____ feet from <b>0</b> feet to _____ feet		
Filter Pack Material and Size: <b>20/30 Sand</b>	Prepacked Filter Around Screen (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Filter Pack Length: <b>7.0</b> feet from <b>0.0</b> feet to <b>-7.0</b> feet		
Filter Pack Seal Material and Size:		Filter Pack Seal Length: _____ feet from _____ feet to _____ feet		
Surface Seal Material:		Surface Seal Length: _____ feet from _____ feet to _____ feet		

WELL DEVELOPMENT DATA				
Well Development Date: <b>5/18/2023</b>	Well Development Method (check one): <input type="checkbox"/> Surge/Pump <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Compressed Air <input type="checkbox"/> Other (describe)			
Development Pump Type (check): <input type="checkbox"/> Centrifugal <input checked="" type="checkbox"/> Peristaltic <input type="checkbox"/> Submersible <input type="checkbox"/> Other (describe)	Depth to Groundwater (before developing in feet): <b>~2.0</b>			
Pumping Rate (gallons per minute): <b>~0.2</b>	Maximum Drawdown of Groundwater During Development (feet): <b>—</b>	Well Purged Dry (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Pumping Condition (check one): <input checked="" type="checkbox"/> Continuous <input type="checkbox"/> Intermittent	Total Development Water Removed (gallons): <b>~24</b>	Development Duration (minutes): <b>~120</b>	Development Water Drummed (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Water Appearance (color and odor) At Start of Development: <b>Brown / None</b>		Water Appearance (color and odor) At End of Development: <b>Clear / None</b>		

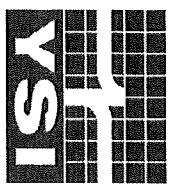
## WELL CONSTRUCTION OR DEVELOPMENT REMARKS



# US Environmental Rental Corporation

(888) 550-8100

[www.usenvironmental.com](http://www.usenvironmental.com)



Company: Kimley-Horn  
Contact: Logan Bridges  
Phone #: #N/A

## Packing List

Item	Serial Number		Tech	QC	
Handheld Display	0		✓	✓	
Item	Tech	QC	Item	Tech	QC
Cable	4m	✓	AC Adaptor		
Flow Cell		✓	Stand		
Barb Kit		✓	D.O Kit	✓	
Storage / Cal Cup			Calibration Kit	✓	
Sensor Guard	✓				
Manual					
Sonde Cap					
Software					
Extra Batteries		✓			
Display Comm. Cable		✓			
Sonde Comm. Cable					

## Calibration Report

Parameter	Pro Series	Accuracy	Before	After	Lot #
Conductivity 1413 $\mu\text{s}/\text{cm}$		(+/- .5%)	1391	1413	190618D
pH 7 Buffer		(+/- .2)	7.05	7.00	190618B
pH mV for 7 Buffer		(0 +/- 50)			
pH 4 Buffer		(+/- .2)	4.06	4.00	190618C
pH mV for 4 Buffer		(180 +/- 50)			
pH 10 Buffer		(+/- .2)	9.94	10.00	190618A
pH mV for 10 Buffer		(-180 +/- 50)			
ORP mV, 237.5		(+/- 20 mV)	185.5	200.10	
DO 100% Sat		(+/- 2%)	121.2%	10000.0%	
0% DO Check		(+/- 2%)	1.00		
Turbidity 0 NTU		(+/- 5%)			
Turbidity 126 NTU		(+/- 5%)			
Lab Conditions during calibration					

**All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.**

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt; b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

*Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.*

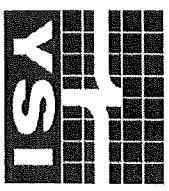
166 Riverview Ave, Waltham, MA 02453 (781) 899-1560  
91 Prestige Park Circle, Suite 5, East Hartford, CT 06108 (860) 289-8700  
5C South Gold Dr, Hamilton, NJ 08691 (609) 570-8555  
1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200  
781 Industrial Dr, Elmhurst, IL 60126 (630) 501-1847



# US Environmental Rental Corporation

(888) 550-8100

[www.usenvironmental.com](http://www.usenvironmental.com)



Company: Kimley-Horn  
Contact: Logan Bridges  
Phone #: #N/A

166 Riverview Ave, Waltham, MA 02453 (781) 899-1560  
91 Prestige Park Circle, Suite 5, East Hartford, CT 06108 (860) 289-8700  
5C South Gold Dr, Hamilton, NJ 08691 (609) 570-8555  
1202 Tech Blvd., Suite 108, Tampa, FL 33619 (813) 628-4200  
781 Industrial Dr, Elmhurst, IL 60126 (630) 501-1847

Order No.: 99793

Date: 5/16/2023

Technician: JL

## Packing List

Item	Serial Number	Tech QC
Pro Quattro	0	✓
Handheld Display	21E103531	✓
Item	Serial Number	Tech QC
Cable	4m	✓
Flow Cell		✓
Barb Kit		✓
Storage / Cal Cup		✓
Sensor Guard		✓
Manual		
Sonde Cap		
Software		
Extra Batteries		
Display Comm. Cable		✓
Sonde Comm. Cable		✓

## Calibration Report

Parameter	Pro Quattro	Accuracy	Before	After	Lot #
Conductivity 1413 $\mu\text{s}/\text{cm}$	(+/- .5%)		1383	1413	190618D
pH 7 Buffer	(+/- .2)		7.21	7.00	
pH mV for 7 Buffer	(0 +/- .50)			-12.3	
pH 4 Buffer	(+/- .2)		4.27	4.00	190618C
pH mV for 4 Buffer	(180 +/- .50)			162.7	
pH 10 Buffer	(+/- .2)		9.75	10.00	190618A
pH mV for 10 Buffer	(-180 +/- .50)			-163.7	
ORP mV, 23.75	(+/- .20 mV)		188.1	200.00	
DO 100% Sat	(+/- 2 %)		103.3%	10040.0%	
0% DO Check	(+/- 2 %)		2.00		
Turbidity 0 NTU	(+/- 5 %)				
Turbidity 126 NTU	(+/- 5 %)				
Lab Conditions during calibration					

**All calibration standards are NIST traceable. Calibration must be performed according to manufacturer's specifications.**

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt; b) verify that all items are in acceptable condition and function properly; and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

*Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.*



# U.S. Environmental Rental Corporation

166 Riverview Ave Waltham, MA. 781-899-1560  
91 Prestige Park Circle Unit 5 East Hartford, CT. 860-289-8700  
127 RT. 206 South Suite 12 Hamilton, NJ. 609-585-6090  
1202 Tech Blvd. Suite 108 Tampa, FL 813-628-4200  
[www.usenvironmentalrental.com](http://www.usenvironmentalrental.com)

## GeoTech Turbidity Meter

Date

5/16/23

Res#	101573
Tech	JW
2100QS/N#	191011965

Company	Kimley-Horn
Contact	Logan Bridges
Phone #	

**Calibration:**

After Reading

0.02NTU 0.02 20NTU 20.00 100NTU 99.80 800NTU 804.00

### Packing List

Turb. Meter	XXX	Microfiber Cloth	XXX
AC Power Cord	N/A	Data Cable	
<0.1 NTU	XXX	gelex standards	N/A
20NTU	XXX		
100NTU	XXX		
800NTU	XXX		
AA Batteries	XXX		
Manual	XXX		
(2) Sample Vials	XXX		

Please be sure to verify receipt of all accessories. Missing accessories will be billed at list price plus shipping  
If unit has any problems customer must notify U.S. Environmental with in 24 Hours of receipt of unit.  
Please call our technical support department at 813-628-4200 \*\* many problems can be solved in the field

Additional Comments:



# U.S. Environmental Rental Corporation

166 Riverview Ave Waltham, MA. 781-899-1560  
91 Prestige Park Circle Unit 5 East Hartford, CT. 860-289-8700  
127 RT. 206 South Suite 12 Hamilton, NJ. 609-585-6090  
1202 Tech Blvd. Suite 108 Tampa, FL 813-628-4200  
[www.usenvironmentalrental.com](http://www.usenvironmentalrental.com)

## GeoTech Turbidity Meter

Date

5/16/23

Res#	101573
Tech	JW
2100QS/N#	17061384

Company	Kimley-Horn
Contact	Logan Bridges
Phone #	

**Calibration:**

After Reading

0.02NTU  0.02 20NTU  20.00 100NTU  100.00 800NTU  802.00

### Packing List

Turb. Meter	XXX	Microfiber Cloth	XXX
AC Power Cord	N/A	Data Cable	
<0.1 NTU	XXX	gelex standards	N/A
20NTU	XXX		
100NTU	XXX		
800NTU	XXX		
AA Batteries	XXX		
Manual	XXX		
(2) Sample Vials	XXX		

Please be sure to verify receipt of all accessories. Missing accessories will be billed at list price plus shipping  
If unit has any problems customer must notify U.S. Environmental with in 24 Hours of receipt of unit.  
Please call our technical support department at 813-628-4200 \*\* many problems can be solved in the field

Additional Comments:

**APPENDIX B**  
**LABORATORY ANALYTICAL REPORTS**

June 01, 2023

Logan Bridges  
Kimley-Horn  
201 N Franklin Street  
Suite 1400  
Tampa, FL 33602

RE: Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Dear Logan Bridges:

Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 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,



Lori Palmer  
lori.palmer@pacelabs.com  
813-855-1844  
Project Manager

Enclosures

cc: Jamin Frommel, Kimley-Horn  
William Spinner, Kimley-Horn & Associates Inc



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

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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  
DoD-ANAB #:ADE-3199  
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: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35800552001	<b>SB-1 (0-0.5)</b>	Solid	05/17/23 09:04	05/18/23 11:27
35800552002	<b>SB-1 (0.5-2)</b>	Solid	05/17/23 09:08	05/18/23 11:27
35800552003	<b>SB-1 (2-3)</b>	Solid	05/17/23 09:12	05/18/23 11:27
35800552004	<b>SB-2 (0-0.5)</b>	Solid	05/17/23 09:56	05/18/23 11:27
35800552005	<b>SB-2 (0.5-2)</b>	Solid	05/17/23 10:00	05/18/23 11:27
35800552006	<b>SB-3 (0-0.5)</b>	Solid	05/17/23 11:00	05/18/23 11:27
35800552007	<b>SB-3 (0.5-2)</b>	Solid	05/17/23 11:04	05/18/23 11:27
35800552008	<b>SB-4 (0-0.5)</b>	Solid	05/17/23 12:42	05/18/23 11:27
35800552009	<b>SB-4 (0.5-2)</b>	Solid	05/17/23 12:46	05/18/23 11:27
35800552010	<b>SB-5 (0-0.5)</b>	Solid	05/17/23 13:10	05/18/23 11:27
35800552011	<b>SB-5 (0.5-2)</b>	Solid	05/17/23 13:14	05/18/23 11:27
35800552012	<b>SB-8 (0-0.5)</b>	Solid	05/17/23 14:10	05/18/23 11:27
35800552013	<b>SB-8 (0.5-2)</b>	Solid	05/17/23 14:14	05/18/23 11:27
35800552014	<b>SB-6 (0-0.5)</b>	Solid	05/17/23 14:36	05/18/23 11:27
35800552015	<b>SB-7 (0-0.5)</b>	Solid	05/17/23 15:12	05/18/23 11:27
35800552016	<b>SB-7 (0.5-2)</b>	Solid	05/17/23 15:16	05/18/23 11:27
35800552017	<b>SB-10 (0-0.5)</b>	Solid	05/17/23 15:38	05/18/23 11:27
35800552018	<b>SB-10 (0.5-2)</b>	Solid	05/17/23 15:42	05/18/23 11:27
35800552019	<b>SB-11 (0-0.5)</b>	Solid	05/17/23 12:41	05/18/23 11:27
35800552020	<b>SB-11 (0.5-2)</b>	Solid	05/17/23 12:45	05/18/23 11:27
35800552021	<b>SB-11 (2-3)</b>	Solid	05/17/23 12:49	05/18/23 11:27
35800552022	<b>SB-14 (0-0.5)</b>	Solid	05/17/23 13:19	05/18/23 11:27
35800552023	<b>SB-14 (0.5-2)</b>	Solid	05/17/23 13:23	05/18/23 11:27
35800552024	<b>SB-14 (2-3.5)</b>	Solid	05/17/23 13:27	05/18/23 11:27
35800552025	<b>SB-17 (0-0.5)</b>	Solid	05/17/23 14:29	05/18/23 11:27
35800552026	<b>SB-17 (0.5-2)</b>	Solid	05/17/23 14:33	05/18/23 11:27
35800552027	<b>SB-17 (2-3)</b>	Solid	05/17/23 14:37	05/18/23 11:27
35800552028	<b>SB-15 (0-0.5)</b>	Solid	05/17/23 15:09	05/18/23 11:27
35800552029	<b>SB-15 (0.5-2)</b>	Solid	05/17/23 15:13	05/18/23 11:27
35800552030	<b>SB-15 (2-3.5)</b>	Solid	05/17/23 15:17	05/18/23 11:27
35800552031	<b>SB-13 (0-0.5)</b>	Solid	05/17/23 15:49	05/18/23 11:27
35800552032	<b>SB-13 (0.5-2)</b>	Solid	05/17/23 15:53	05/18/23 11:27
35800552033	<b>SB-13 (2-2.5)</b>	Solid	05/17/23 15:57	05/18/23 11:27

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800552001	SB-1 (0-0.5)	EPA 8081 FL-PRO EPA 6010 EPA 7471 EPA 8270 EPA 8260 ASTM D2974-87	BLM NCB1 KC2 JNK WWW AS4 BMA	22 3 12 1 21 46 1
35800552002	SB-1 (0.5-2)	EPA 8081 FL-PRO EPA 6010 EPA 7471 EPA 8270 EPA 8260 ASTM D2974-87	BLM NCB1 AAM1 JNK WWW AS4 BMA	22 3 12 1 21 46 1
35800552003	SB-1 (2-3)	EPA 8081 FL-PRO EPA 6010 EPA 7471 EPA 8270 EPA 8260 ASTM D2974-87	BLM NCB1 AAM1 JNK WWW AS4 BMA	22 3 12 1 21 46 1
35800552004	SB-2 (0-0.5)	EPA 8081 FL-PRO EPA 6010 EPA 7471 EPA 8270 EPA 8260 ASTM D2974-87	BLM NCB1 AAM1 JNK WWW AS4 BMA	22 3 12 1 21 46 1
35800552005	SB-2 (0.5-2)	EPA 8081 FL-PRO EPA 6010 EPA 7471 EPA 8270 EPA 8260 ASTM D2974-87	BLM NCB1 AAM1 JNK WWW AS4 BMA	22 3 12 1 21 46 1
35800552006	SB-3 (0-0.5)	EPA 8081 FL-PRO	BLM NCB1	22 3

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800552007	<b>SB-3 (0.5-2)</b>	EPA 6010	AAM1	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KC2	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
35800552008	<b>SB-4 (0-0.5)</b>	EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
35800552009	<b>SB-4 (0.5-2)</b>	FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
35800552010	<b>SB-5 (0-0.5)</b>	EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800552011	<b>SB-5 (0.5-2)</b>	EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800552012	SB-8 (0-0.5)	EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KC2	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800552013	SB-8 (0.5-2)	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	KC2	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
35800552014	SB-6 (0-0.5)	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
35800552015	SB-7 (0-0.5)	EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
35800552016	SB-7 (0.5-2)	EPA 8270	WWW	21
		EPA 8260	CLT	46
		ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
 Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800552017	<b>SB-10 (0-0.5)</b>	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
35800552018	<b>SB-10 (0.5-2)</b>	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
35800552019	<b>SB-11 (0-0.5)</b>	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
35800552020	<b>SB-11 (0.5-2)</b>	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
35800552021	<b>SB-11 (2-3)</b>	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
35800552022	<b>SB-14 (0-0.5)</b>	ASTM D2974-87	BMA	1
		EPA 8081	CB1	22

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
		ASTM D2974-87	BMA	1
35800552023	<b>SB-14 (0.5-2)</b>	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
		ASTM D2974-87	BMA	1
35800552024	<b>SB-14 (2-3.5)</b>	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
		ASTM D2974-87	BMA	1
35800552025	<b>SB-17 (0-0.5)</b>	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
		ASTM D2974-87	BMA	1
35800552026	<b>SB-17 (0.5-2)</b>	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	CLT	46
		ASTM D2974-87	BMA	1
35800552027	<b>SB-17 (2-3)</b>	EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
 Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800552028	<b>SB-15 (0-0.5)</b>	EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
35800552029	<b>SB-15 (0.5-2)</b>	ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
35800552030	<b>SB-15 (2-3.5)</b>	EPA 6010	AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1, AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
35800552031	<b>SB-13 (0-0.5)</b>	EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1, AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
35800552032	<b>SB-13 (0.5-2)</b>	FL-PRO	NCB1	3
		EPA 6010	AAM1, AME	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	Method	Analysts	Analytics Reported
35800552033	SB-13 (2-2.5)	EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	AAM1, KC2	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1

PASI-O = Pace Analytical Services - Ormond Beach

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-1 (0-0.5) Lab ID: 35800552001 Collected: 05/17/23 09:04 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00019</b> U	mg/kg	0.0019	0.00019	1	05/19/23 09:16	05/25/23 14:12	309-00-2	
alpha-BHC	<b>0.00010</b> U	mg/kg	0.0019	0.00010	1	05/19/23 09:16	05/25/23 14:12	319-84-6	
beta-BHC	<b>0.00023</b> U	mg/kg	0.0019	0.00023	1	05/19/23 09:16	05/25/23 14:12	319-85-7	
delta-BHC	<b>0.000098</b> U	mg/kg	0.0019	0.000098	1	05/19/23 09:16	05/25/23 14:12	319-86-8	
gamma-BHC (Lindane)	<b>0.000057</b> I	mg/kg	0.0019	0.000055	1	05/19/23 09:16	05/25/23 14:12	58-89-9	
Chlordane (Technical)	<b>0.0058</b> U	mg/kg	0.019	0.0058	1	05/19/23 09:16	05/25/23 14:12	57-74-9	J(CU)
4,4'-DDD	<b>0.000086</b> U	mg/kg	0.0019	0.000086	1	05/19/23 09:16	05/25/23 14:12	72-54-8	
4,4'-DDE	<b>0.000076</b> U	mg/kg	0.0019	0.000076	1	05/19/23 09:16	05/25/23 14:12	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0019	0.00012	1	05/19/23 09:16	05/25/23 14:12	50-29-3	
Dieldrin	<b>0.000073</b> U	mg/kg	0.0019	0.000073	1	05/19/23 09:16	05/25/23 14:12	60-57-1	
Endosulfan I	<b>0.00021</b> U	mg/kg	0.0019	0.00021	1	05/19/23 09:16	05/25/23 14:12	959-98-8	
Endosulfan II	<b>0.000086</b> U	mg/kg	0.0019	0.000086	1	05/19/23 09:16	05/25/23 14:12	33213-65-9	
Endosulfan sulfate	<b>0.000076</b> U	mg/kg	0.0019	0.000076	1	05/19/23 09:16	05/25/23 14:12	1031-07-8	
Endrin	<b>0.00012</b> U	mg/kg	0.0019	0.00012	1	05/19/23 09:16	05/25/23 14:12	72-20-8	
Endrin aldehyde	<b>0.00012</b> U	mg/kg	0.0038	0.00012	1	05/19/23 09:16	05/25/23 14:12	7421-93-4	
Endrin ketone	<b>0.000089</b> U	mg/kg	0.0019	0.000089	1	05/19/23 09:16	05/25/23 14:12	53494-70-5	
Heptachlor	<b>0.00020</b> U	mg/kg	0.0019	0.00020	1	05/19/23 09:16	05/25/23 14:12	76-44-8	
Heptachlor epoxide	<b>0.000082</b> U	mg/kg	0.0019	0.000082	1	05/19/23 09:16	05/25/23 14:12	1024-57-3	
Methoxychlor	<b>0.00028</b> U	mg/kg	0.0019	0.00028	1	05/19/23 09:16	05/25/23 14:12	72-43-5	
Toxaphene	<b>0.0083</b> U	mg/kg	0.019	0.0083	1	05/19/23 09:16	05/25/23 14:12	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	99	%	53-140		1	05/19/23 09:16	05/25/23 14:12	877-09-8	
Decachlorobiphenyl (S)	68	%	43-157		1	05/19/23 09:16	05/25/23 14:12	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>68.1</b>	mg/kg	6.7	5.8	1	05/20/23 08:48	05/20/23 18:04		
<b>Surrogates</b>									
o-Terphenyl (S)	87	%	66-136		1	05/20/23 08:48	05/20/23 18:04	84-15-1	
N-Pentatriacontane (S)	73	%	42-159		1	05/20/23 08:48	05/20/23 18:04	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.1</b> U	mg/kg	4.2	2.1	5	05/20/23 10:47	05/23/23 03:57	7440-36-0	D3
Arsenic	<b>2.9</b>	mg/kg	2.8	1.4	5	05/20/23 10:47	05/23/23 03:57	7440-38-2	
Beryllium	<b>0.28</b>	mg/kg	0.28	0.049	5	05/20/23 10:47	05/23/23 03:57	7440-41-7	
Cadmium	<b>0.14</b> U	mg/kg	0.28	0.14	5	05/20/23 10:47	05/23/23 03:57	7440-43-9	D3
Chromium	<b>8.5</b>	mg/kg	1.4	0.70	5	05/20/23 10:47	05/23/23 03:57	7440-47-3	
Copper	<b>1.1</b> I	mg/kg	1.4	0.70	5	05/20/23 10:47	05/23/23 03:57	7440-50-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-1 (0-0.5) Lab ID: 35800552001 Collected: 05/17/23 09:04 Received: 05/18/23 11:27 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								
Lead	3.4	mg/kg	2.8	1.4	5	05/20/23 10:47	05/23/23 03:57	7439-92-1	
Nickel	3.6	mg/kg	1.4	0.70	5	05/20/23 10:47	05/23/23 03:57	7440-02-0	
Selenium	2.1 U	mg/kg	4.2	2.1	5	05/20/23 10:47	05/23/23 03:57	7782-49-2	D3
Silver	0.31 U	mg/kg	1.4	0.31	5	05/20/23 10:47	05/23/23 03:57	7440-22-4	D3
Thallium	1.9 U	mg/kg	4.2	1.9	5	05/20/23 10:47	05/23/23 03:57	7440-28-0	D3
Zinc	10.1 U	mg/kg	28.0	10.1	5	05/20/23 10:47	05/23/23 03:57	7440-66-6	D3
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	0.025	mg/kg	0.0092	0.0046	1	05/19/23 09:31	05/22/23 14:37	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	0.018 U	mg/kg	0.041	0.018	1	05/20/23 02:19	05/22/23 16:31	83-32-9	
Acenaphthylene	0.0060 U	mg/kg	0.038	0.0060	1	05/20/23 02:19	05/22/23 16:31	208-96-8	
Anthracene	0.0052 U	mg/kg	0.041	0.0052	1	05/20/23 02:19	05/22/23 16:31	120-12-7	
Benzo(a)anthracene	0.0051 U	mg/kg	0.038	0.0051	1	05/20/23 02:19	05/22/23 16:31	56-55-3	
Benzo(a)pyrene	0.0095 U	mg/kg	0.038	0.0095	1	05/20/23 02:19	05/22/23 16:31	50-32-8	
Benzo(b)fluoranthene	0.010 U	mg/kg	0.038	0.010	1	05/20/23 02:19	05/22/23 16:31	205-99-2	
Benzo(g,h,i)perylene	0.0096 U	mg/kg	0.038	0.0096	1	05/20/23 02:19	05/22/23 16:31	191-24-2	
Benzo(k)fluoranthene	0.010 U	mg/kg	0.038	0.010	1	05/20/23 02:19	05/22/23 16:31	207-08-9	
Chrysene	0.0051 U	mg/kg	0.038	0.0051	1	05/20/23 02:19	05/22/23 16:31	218-01-9	
Dibenz(a,h)anthracene	0.0088 U	mg/kg	0.038	0.0088	1	05/20/23 02:19	05/22/23 16:31	53-70-3	
Fluoranthene	0.012 U	mg/kg	0.038	0.012	1	05/20/23 02:19	05/22/23 16:31	206-44-0	
Fluorene	0.014 U	mg/kg	0.042	0.014	1	05/20/23 02:19	05/22/23 16:31	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0087 U	mg/kg	0.038	0.0087	1	05/20/23 02:19	05/22/23 16:31	193-39-5	
1-Methylnaphthalene	0.0063 U	mg/kg	0.045	0.0063	1	05/20/23 02:19	05/22/23 16:31	90-12-0	
2-Methylnaphthalene	0.0060 U	mg/kg	0.044	0.0060	1	05/20/23 02:19	05/22/23 16:31	91-57-6	
Naphthalene	0.014 U	mg/kg	0.040	0.014	1	05/20/23 02:19	05/22/23 16:31	91-20-3	
Phenanthrene	0.0054 U	mg/kg	0.038	0.0054	1	05/20/23 02:19	05/22/23 16:31	85-01-8	
Pyrene	0.0051 U	mg/kg	0.038	0.0051	1	05/20/23 02:19	05/22/23 16:31	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	47	%	24-98		1	05/20/23 02:19	05/22/23 16:31	4165-60-0	
2-Fluorobiphenyl (S)	58	%	29-101		1	05/20/23 02:19	05/22/23 16:31	321-60-8	
p-Terphenyl-d14 (S)	61	%	29-112		1	05/20/23 02:19	05/22/23 16:31	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	0.0097 U	mg/kg	0.054	0.0097	1	05/21/23 17:06	05/21/23 22:21	67-64-1	
Benzene	0.0011 U	mg/kg	0.0054	0.0011	1	05/21/23 17:06	05/21/23 22:21	71-43-2	
Bromochloromethane	0.00081 U	mg/kg	0.0054	0.00081	1	05/21/23 17:06	05/21/23 22:21	74-97-5	
Bromodichloromethane	0.0012 U	mg/kg	0.0054	0.0012	1	05/21/23 17:06	05/21/23 22:21	75-27-4	
Bromoform	0.0012 U	mg/kg	0.0054	0.0012	1	05/21/23 17:06	05/21/23 22:21	75-25-2	
Bromomethane	0.0020 U	mg/kg	0.0054	0.0020	1	05/21/23 17:06	05/21/23 22:21	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-1 (0-0.5) Lab ID: 35800552001 Collected: 05/17/23 09:04 Received: 05/18/23 11:27 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							
2-Butanone (MEK)	<b>0.0054</b> U	mg/kg	0.054	0.0054	1	05/21/23 17:06	05/21/23 22:21	78-93-3	J(v2)
Carbon disulfide	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/21/23 17:06	05/21/23 22:21	75-15-0	
Carbon tetrachloride	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/21/23 17:06	05/21/23 22:21	56-23-5	
Chlorobenzene	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/21/23 17:06	05/21/23 22:21	108-90-7	
Chloroethane	<b>0.0023</b> U	mg/kg	0.0054	0.0023	1	05/21/23 17:06	05/21/23 22:21	75-00-3	J(v2)
Chloroform	<b>0.00091</b> U	mg/kg	0.0054	0.00091	1	05/21/23 17:06	05/21/23 22:21	67-66-3	J(v2)
Chloromethane	<b>0.00097</b> U	mg/kg	0.0054	0.00097	1	05/21/23 17:06	05/21/23 22:21	74-87-3	
Dibromochloromethane	<b>0.00095</b> U	mg/kg	0.0054	0.00095	1	05/21/23 17:06	05/21/23 22:21	124-48-1	
Dibromomethane	<b>0.00077</b> U	mg/kg	0.0054	0.00077	1	05/21/23 17:06	05/21/23 22:21	74-95-3	
1,2-Dichlorobenzene	<b>0.00083</b> U	mg/kg	0.0054	0.00083	1	05/21/23 17:06	05/21/23 22:21	95-50-1	
1,3-Dichlorobenzene	<b>0.00099</b> U	mg/kg	0.0054	0.00099	1	05/21/23 17:06	05/21/23 22:21	541-73-1	
1,4-Dichlorobenzene	<b>0.00073</b> U	mg/kg	0.0054	0.00073	1	05/21/23 17:06	05/21/23 22:21	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/21/23 17:06	05/21/23 22:21	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0054	0.0011	1	05/21/23 17:06	05/21/23 22:21	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00084</b> U	mg/kg	0.0054	0.00084	1	05/21/23 17:06	05/21/23 22:21	107-06-2	
1,1-Dichloroethene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/21/23 17:06	05/21/23 22:21	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/21/23 17:06	05/21/23 22:21	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/21/23 17:06	05/21/23 22:21	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/21/23 17:06	05/21/23 22:21	78-87-5	
1,3-Dichloropropene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/21/23 17:06	05/21/23 22:21	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/21/23 17:06	05/21/23 22:21	100-41-4	
2-Hexanone	<b>0.0054</b> U	mg/kg	0.027	0.0054	1	05/21/23 17:06	05/21/23 22:21	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/21/23 17:06	05/21/23 22:21	98-82-8	
Methylene Chloride	<b>0.0048</b> U	mg/kg	0.0054	0.0048	1	05/21/23 17:06	05/21/23 22:21	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0054</b> U	mg/kg	0.027	0.0054	1	05/21/23 17:06	05/21/23 22:21	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0054	0.0016	1	05/21/23 17:06	05/21/23 22:21	1634-04-4	
Styrene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/21/23 17:06	05/21/23 22:21	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00066</b> U	mg/kg	0.0054	0.00066	1	05/21/23 17:06	05/21/23 22:21	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/21/23 17:06	05/21/23 22:21	127-18-4	
Toluene	<b>0.00088</b> U	mg/kg	0.0054	0.00088	1	05/21/23 17:06	05/21/23 22:21	108-88-3	
1,1,1-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/21/23 17:06	05/21/23 22:21	71-55-6	
1,1,2-Trichloroethane	<b>0.00064</b> U	mg/kg	0.0054	0.00064	1	05/21/23 17:06	05/21/23 22:21	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/21/23 17:06	05/21/23 22:21	79-01-6	
Trichlorofluoromethane	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/21/23 17:06	05/21/23 22:21	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/21/23 17:06	05/21/23 22:21	95-63-6	
Vinyl chloride	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/21/23 17:06	05/21/23 22:21	75-01-4	
Xylene (Total)	<b>0.0056</b> U	mg/kg	0.016	0.0056	1	05/21/23 17:06	05/21/23 22:21	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	68-125		1	05/21/23 17:06	05/21/23 22:21	460-00-4	
Toluene-d8 (S)	98	%	70-130		1	05/21/23 17:06	05/21/23 22:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	05/21/23 17:06	05/21/23 22:21	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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**Sample: SB-1 (0-0.5)**      Lab ID: **35800552001**      Collected: 05/17/23 09:04      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>11.8</b>	%	0.10	0.10	1			05/19/23 14:00	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-1 (0.5-2) Lab ID: 35800552002 Collected: 05/17/23 09:08 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00021</b> U	mg/kg	0.0021	0.00021	1	05/19/23 09:16	05/25/23 14:25	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/19/23 09:16	05/25/23 14:25	319-84-6	
beta-BHC	<b>0.00025</b> U	mg/kg	0.0021	0.00025	1	05/19/23 09:16	05/25/23 14:25	319-85-7	
delta-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/19/23 09:16	05/25/23 14:25	319-86-8	
gamma-BHC (Lindane)	<b>0.000060</b> U	mg/kg	0.0021	0.000060	1	05/19/23 09:16	05/25/23 14:25	58-89-9	
Chlordane (Technical)	<b>0.0062</b> U	mg/kg	0.021	0.0062	1	05/19/23 09:16	05/25/23 14:25	57-74-9	J(CU)
4,4'-DDD	<b>0.000093</b> U	mg/kg	0.0021	0.000093	1	05/19/23 09:16	05/25/23 14:25	72-54-8	
4,4'-DDE	<b>0.000082</b> U	mg/kg	0.0021	0.000082	1	05/19/23 09:16	05/25/23 14:25	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0021	0.00012	1	05/19/23 09:16	05/25/23 14:25	50-29-3	
Dieldrin	<b>0.000079</b> U	mg/kg	0.0021	0.000079	1	05/19/23 09:16	05/25/23 14:25	60-57-1	
Endosulfan I	<b>0.00023</b> U	mg/kg	0.0021	0.00023	1	05/19/23 09:16	05/25/23 14:25	959-98-8	
Endosulfan II	<b>0.000093</b> U	mg/kg	0.0021	0.000093	1	05/19/23 09:16	05/25/23 14:25	33213-65-9	
Endosulfan sulfate	<b>0.000082</b> U	mg/kg	0.0021	0.000082	1	05/19/23 09:16	05/25/23 14:25	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0021	0.00013	1	05/19/23 09:16	05/25/23 14:25	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0042	0.00013	1	05/19/23 09:16	05/25/23 14:25	7421-93-4	
Endrin ketone	<b>0.000097</b> U	mg/kg	0.0021	0.000097	1	05/19/23 09:16	05/25/23 14:25	53494-70-5	
Heptachlor	<b>0.00022</b> U	mg/kg	0.0021	0.00022	1	05/19/23 09:16	05/25/23 14:25	76-44-8	
Heptachlor epoxide	<b>0.000089</b> U	mg/kg	0.0021	0.000089	1	05/19/23 09:16	05/25/23 14:25	1024-57-3	
Methoxychlor	<b>0.00031</b> U	mg/kg	0.0021	0.00031	1	05/19/23 09:16	05/25/23 14:25	72-43-5	
Toxaphene	<b>0.0090</b> U	mg/kg	0.021	0.0090	1	05/19/23 09:16	05/25/23 14:25	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	102	%	53-140		1	05/19/23 09:16	05/25/23 14:25	877-09-8	
Decachlorobiphenyl (S)	70	%	43-157		1	05/19/23 09:16	05/25/23 14:25	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>27.8</b>	mg/kg	7.3	6.3	1	05/20/23 08:48	05/20/23 18:19		
<b>Surrogates</b>									
o-Terphenyl (S)	97	%	66-136		1	05/20/23 08:48	05/20/23 18:19	84-15-1	
N-Pentatriacontane (S)	80	%	42-159		1	05/20/23 08:48	05/20/23 18:19	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.50</b> U	mg/kg	1.0	0.50	1	05/20/23 10:47	05/22/23 13:47	7440-36-0	
Arsenic	<b>0.33</b> U	mg/kg	0.67	0.33	1	05/20/23 10:47	05/22/23 13:47	7440-38-2	
Beryllium	<b>0.049</b> I	mg/kg	0.067	0.012	1	05/20/23 10:47	05/22/23 13:47	7440-41-7	
Cadmium	<b>0.033</b> U	mg/kg	0.067	0.033	1	05/20/23 10:47	05/22/23 13:47	7440-43-9	
Chromium	<b>5.2</b>	mg/kg	0.33	0.17	1	05/20/23 10:47	05/22/23 13:47	7440-47-3	
Copper	<b>0.23</b> I	mg/kg	0.33	0.17	1	05/20/23 10:47	05/22/23 13:47	7440-50-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-1 (0.5-2) Lab ID: 35800552002 Collected: 05/17/23 09:08 Received: 05/18/23 11:27 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								
Lead	3.0	mg/kg	0.67	0.33	1	05/20/23 10:47	05/22/23 13:47	7439-92-1	
Nickel	1.8	mg/kg	0.33	0.17	1	05/20/23 10:47	05/22/23 13:47	7440-02-0	
Selenium	0.50 U	mg/kg	1.0	0.50	1	05/20/23 10:47	05/22/23 13:47	7782-49-2	
Silver	0.073 U	mg/kg	0.33	0.073	1	05/20/23 10:47	05/22/23 13:47	7440-22-4	
Thallium	0.44 U	mg/kg	1.0	0.44	1	05/20/23 10:47	05/22/23 13:47	7440-28-0	
Zinc	2.4 U	mg/kg	6.7	2.4	1	05/20/23 10:47	05/22/23 13:47	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	0.023	mg/kg	0.011	0.0056	1	05/19/23 09:31	05/22/23 14:39	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	0.020 U	mg/kg	0.044	0.020	1	05/20/23 02:19	05/22/23 16:56	83-32-9	
Acenaphthylene	0.0065 U	mg/kg	0.042	0.0065	1	05/20/23 02:19	05/22/23 16:56	208-96-8	
Anthracene	0.0056 U	mg/kg	0.044	0.0056	1	05/20/23 02:19	05/22/23 16:56	120-12-7	
Benzo(a)anthracene	0.0055 U	mg/kg	0.042	0.0055	1	05/20/23 02:19	05/22/23 16:56	56-55-3	
Benzo(a)pyrene	0.010 U	mg/kg	0.042	0.010	1	05/20/23 02:19	05/22/23 16:56	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.042	0.011	1	05/20/23 02:19	05/22/23 16:56	205-99-2	
Benzo(g,h,i)perylene	0.010 U	mg/kg	0.042	0.010	1	05/20/23 02:19	05/22/23 16:56	191-24-2	
Benzo(k)fluoranthene	0.011 U	mg/kg	0.042	0.011	1	05/20/23 02:19	05/22/23 16:56	207-08-9	
Chrysene	0.0055 U	mg/kg	0.042	0.0055	1	05/20/23 02:19	05/22/23 16:56	218-01-9	
Dibenz(a,h)anthracene	0.0095 U	mg/kg	0.042	0.0095	1	05/20/23 02:19	05/22/23 16:56	53-70-3	
Fluoranthene	0.013 U	mg/kg	0.042	0.013	1	05/20/23 02:19	05/22/23 16:56	206-44-0	
Fluorene	0.015 U	mg/kg	0.045	0.015	1	05/20/23 02:19	05/22/23 16:56	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0094 U	mg/kg	0.042	0.0094	1	05/20/23 02:19	05/22/23 16:56	193-39-5	
1-Methylnaphthalene	0.0069 U	mg/kg	0.049	0.0069	1	05/20/23 02:19	05/22/23 16:56	90-12-0	
2-Methylnaphthalene	0.0065 U	mg/kg	0.048	0.0065	1	05/20/23 02:19	05/22/23 16:56	91-57-6	
Naphthalene	0.015 U	mg/kg	0.043	0.015	1	05/20/23 02:19	05/22/23 16:56	91-20-3	
Phenanthrene	0.0059 U	mg/kg	0.042	0.0059	1	05/20/23 02:19	05/22/23 16:56	85-01-8	
Pyrene	0.0055 U	mg/kg	0.042	0.0055	1	05/20/23 02:19	05/22/23 16:56	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	51	%	24-98		1	05/20/23 02:19	05/22/23 16:56	4165-60-0	
2-Fluorobiphenyl (S)	60	%	29-101		1	05/20/23 02:19	05/22/23 16:56	321-60-8	
p-Terphenyl-d14 (S)	65	%	29-112		1	05/20/23 02:19	05/22/23 16:56	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	0.010 U	mg/kg	0.058	0.010	1	05/21/23 17:06	05/21/23 22:44	67-64-1	
Benzene	0.0012 U	mg/kg	0.0058	0.0012	1	05/21/23 17:06	05/21/23 22:44	71-43-2	
Bromochloromethane	0.00085 U	mg/kg	0.0058	0.00085	1	05/21/23 17:06	05/21/23 22:44	74-97-5	
Bromodichloromethane	0.0013 U	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 22:44	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 22:44	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0058	0.0021	1	05/21/23 17:06	05/21/23 22:44	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-1 (0.5-2) Lab ID: 35800552002 Collected: 05/17/23 09:08 Received: 05/18/23 11:27 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							
2-Butanone (MEK)	<b>0.0058</b> U	mg/kg	0.058	0.0058	1	05/21/23 17:06	05/21/23 22:44	78-93-3	J(v2)
Carbon disulfide	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 22:44	75-15-0	
Carbon tetrachloride	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 22:44	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 22:44	108-90-7	
Chloroethane	<b>0.0024</b> U	mg/kg	0.0058	0.0024	1	05/21/23 17:06	05/21/23 22:44	75-00-3	J(v2)
Chloroform	<b>0.00097</b> U	mg/kg	0.0058	0.00097	1	05/21/23 17:06	05/21/23 22:44	67-66-3	J(v2)
Chloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/21/23 17:06	05/21/23 22:44	74-87-3	
Dibromochloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/21/23 17:06	05/21/23 22:44	124-48-1	
Dibromomethane	<b>0.00082</b> U	mg/kg	0.0058	0.00082	1	05/21/23 17:06	05/21/23 22:44	74-95-3	
1,2-Dichlorobenzene	<b>0.00088</b> U	mg/kg	0.0058	0.00088	1	05/21/23 17:06	05/21/23 22:44	95-50-1	
1,3-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/21/23 17:06	05/21/23 22:44	541-73-1	
1,4-Dichlorobenzene	<b>0.00077</b> U	mg/kg	0.0058	0.00077	1	05/21/23 17:06	05/21/23 22:44	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 22:44	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 22:44	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00089</b> U	mg/kg	0.0058	0.00089	1	05/21/23 17:06	05/21/23 22:44	107-06-2	
1,1-Dichloroethene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 22:44	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 22:44	156-59-2	
trans-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/21/23 17:06	05/21/23 22:44	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 22:44	78-87-5	
1,3-Dichloropropene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 22:44	542-75-6	
Ethylbenzene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 22:44	100-41-4	
2-Hexanone	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/21/23 17:06	05/21/23 22:44	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/21/23 17:06	05/21/23 22:44	98-82-8	
Methylene Chloride	<b>0.0051</b> U	mg/kg	0.0058	0.0051	1	05/21/23 17:06	05/21/23 22:44	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/21/23 17:06	05/21/23 22:44	108-10-1	
Methyl-tert-butyl ether	<b>0.0017</b> U	mg/kg	0.0058	0.0017	1	05/21/23 17:06	05/21/23 22:44	1634-04-4	
Styrene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 22:44	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00070</b> U	mg/kg	0.0058	0.00070	1	05/21/23 17:06	05/21/23 22:44	79-34-5	
Tetrachloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 22:44	127-18-4	
Toluene	<b>0.00093</b> U	mg/kg	0.0058	0.00093	1	05/21/23 17:06	05/21/23 22:44	108-88-3	
1,1,2-Trichloroethane	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/21/23 17:06	05/21/23 22:44	71-55-6	
1,1,2-Trichloroethane	<b>0.00068</b> U	mg/kg	0.0058	0.00068	1	05/21/23 17:06	05/21/23 22:44	79-00-5	
Trichloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 22:44	79-01-6	
Trichlorofluoromethane	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 22:44	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 22:44	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 22:44	75-01-4	
Xylene (Total)	<b>0.0059</b> U	mg/kg	0.017	0.0059	1	05/21/23 17:06	05/21/23 22:44	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	68-125		1	05/21/23 17:06	05/21/23 22:44	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	05/21/23 17:06	05/21/23 22:44	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	05/21/23 17:06	05/21/23 22:44	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-1 (0.5-2) Lab ID: 35800552002 Collected: 05/17/23 09:08 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>18.5</b>	%	0.10	0.10	1		05/19/23 14:01		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-1 (2-3) Lab ID: 35800552003 Collected: 05/17/23 09:12 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.0012 U</b>	mg/kg	0.012	0.0012	1	05/19/23 09:16	05/25/23 14:38	309-00-2	P1
alpha-BHC	<b>0.00063 U</b>	mg/kg	0.012	0.00063	1	05/19/23 09:16	05/25/23 14:38	319-84-6	P1
beta-BHC	<b>0.0014 U</b>	mg/kg	0.012	0.0014	1	05/19/23 09:16	05/25/23 14:38	319-85-7	P1
delta-BHC	<b>0.00059 U</b>	mg/kg	0.012	0.00059	1	05/19/23 09:16	05/25/23 14:38	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00033 U</b>	mg/kg	0.012	0.00033	1	05/19/23 09:16	05/25/23 14:38	58-89-9	P1
Chlordane (Technical)	<b>0.035 U</b>	mg/kg	0.12	0.035	1	05/19/23 09:16	05/25/23 14:38	57-74-9	J(CU), P1
4,4'-DDD	<b>0.00051 U</b>	mg/kg	0.012	0.00051	1	05/19/23 09:16	05/25/23 14:38	72-54-8	P1
4,4'-DDE	<b>0.00045 U</b>	mg/kg	0.012	0.00045	1	05/19/23 09:16	05/25/23 14:38	72-55-9	P1
4,4'-DDT	<b>0.00069 U</b>	mg/kg	0.012	0.00069	1	05/19/23 09:16	05/25/23 14:38	50-29-3	P1
Dieldrin	<b>0.00095 I</b>	mg/kg	0.012	0.00044	1	05/19/23 09:16	05/25/23 14:38	60-57-1	P1
Endosulfan I	<b>0.0013 U</b>	mg/kg	0.012	0.0013	1	05/19/23 09:16	05/25/23 14:38	959-98-8	P1
Endosulfan II	<b>0.00051 U</b>	mg/kg	0.012	0.00051	1	05/19/23 09:16	05/25/23 14:38	33213-65-9	P1
Endosulfan sulfate	<b>0.00045 U</b>	mg/kg	0.012	0.00045	1	05/19/23 09:16	05/25/23 14:38	1031-07-8	P1
Endrin	<b>0.00072 U</b>	mg/kg	0.012	0.00072	1	05/19/23 09:16	05/25/23 14:38	72-20-8	P1
Endrin aldehyde	<b>0.00074 U</b>	mg/kg	0.023	0.00074	1	05/19/23 09:16	05/25/23 14:38	7421-93-4	P1
Endrin ketone	<b>0.00053 U</b>	mg/kg	0.012	0.00053	1	05/19/23 09:16	05/25/23 14:38	53494-70-5	P1
Heptachlor	<b>0.0012 U</b>	mg/kg	0.012	0.0012	1	05/19/23 09:16	05/25/23 14:38	76-44-8	P1
Heptachlor epoxide	<b>0.00049 U</b>	mg/kg	0.012	0.00049	1	05/19/23 09:16	05/25/23 14:38	1024-57-3	P1
Methoxychlor	<b>0.0017 U</b>	mg/kg	0.012	0.0017	1	05/19/23 09:16	05/25/23 14:38	72-43-5	P1
Toxaphene	<b>0.050 U</b>	mg/kg	0.12	0.050	1	05/19/23 09:16	05/25/23 14:38	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	96	%	53-140		1	05/19/23 09:16	05/25/23 14:38	877-09-8	
Decachlorobiphenyl (S)	72	%	43-157		1	05/19/23 09:16	05/25/23 14:38	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>20.2</b>	mg/kg	12.9	11.1	1	05/20/23 08:48	05/20/23 18:35		P1
<b>Surrogates</b>									
o-Terphenyl (S)	94	%	66-136		1	05/20/23 08:48	05/20/23 18:35	84-15-1	
N-Pentatriacontane (S)	73	%	42-159		1	05/20/23 08:48	05/20/23 18:35	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.54 U</b>	mg/kg	1.1	0.54	1	05/20/23 10:47	05/22/23 13:58	7440-36-0	
Arsenic	<b>0.36 U</b>	mg/kg	0.72	0.36	1	05/20/23 10:47	05/22/23 13:58	7440-38-2	
Beryllium	<b>0.013 U</b>	mg/kg	0.072	0.013	1	05/20/23 10:47	05/22/23 13:58	7440-41-7	
Cadmium	<b>0.036 U</b>	mg/kg	0.072	0.036	1	05/20/23 10:47	05/22/23 13:58	7440-43-9	
Chromium	<b>1.7</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 13:58	7440-47-3	
Copper	<b>0.20 I</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 13:58	7440-50-8	
Lead	<b>1.0</b>	mg/kg	0.72	0.36	1	05/20/23 10:47	05/22/23 13:58	7439-92-1	
Nickel	<b>0.74</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 13:58	7440-02-0	
Selenium	<b>0.54 U</b>	mg/kg	1.1	0.54	1	05/20/23 10:47	05/22/23 13:58	7782-49-2	
Silver	<b>0.079 U</b>	mg/kg	0.36	0.079	1	05/20/23 10:47	05/22/23 13:58	7440-22-4	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-1 (2-3) Lab ID: 35800552003 Collected: 05/17/23 09:12 Received: 05/18/23 11:27 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								
Thallium	<b>0.48</b> U	mg/kg	1.1	0.48	1	05/20/23 10:47	05/22/23 13:58	7440-28-0	
Zinc	<b>2.6</b> U	mg/kg	7.2	2.6	1	05/20/23 10:47	05/22/23 13:58	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.013</b>	mg/kg	0.012	0.0061	1	05/19/23 09:31	05/22/23 14:42	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.12</b> U	mg/kg	0.28	0.12	1	05/20/23 02:19	05/22/23 17:22	83-32-9	P1
Acenaphthylene	<b>0.041</b> U	mg/kg	0.26	0.041	1	05/20/23 02:19	05/22/23 17:22	208-96-8	P1
Anthracene	<b>0.035</b> U	mg/kg	0.28	0.035	1	05/20/23 02:19	05/22/23 17:22	120-12-7	P1
Benzo(a)anthracene	<b>0.035</b> U	mg/kg	0.26	0.035	1	05/20/23 02:19	05/22/23 17:22	56-55-3	P1
Benzo(a)pyrene	<b>0.065</b> U	mg/kg	0.26	0.065	1	05/20/23 02:19	05/22/23 17:22	50-32-8	P1
Benzo(b)fluoranthene	<b>0.069</b> U	mg/kg	0.26	0.069	1	05/20/23 02:19	05/22/23 17:22	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.065</b> U	mg/kg	0.26	0.065	1	05/20/23 02:19	05/22/23 17:22	191-24-2	P1
Benzo(k)fluoranthene	<b>0.069</b> U	mg/kg	0.26	0.069	1	05/20/23 02:19	05/22/23 17:22	207-08-9	P1
Chrysene	<b>0.035</b> U	mg/kg	0.26	0.035	1	05/20/23 02:19	05/22/23 17:22	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.060</b> U	mg/kg	0.26	0.060	1	05/20/23 02:19	05/22/23 17:22	53-70-3	P1
Fluoranthene	<b>0.085</b> U	mg/kg	0.26	0.085	1	05/20/23 02:19	05/22/23 17:22	206-44-0	P1
Fluorene	<b>0.092</b> U	mg/kg	0.28	0.092	1	05/20/23 02:19	05/22/23 17:22	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.059</b> U	mg/kg	0.26	0.059	1	05/20/23 02:19	05/22/23 17:22	193-39-5	P1
1-Methylnaphthalene	<b>0.043</b> U	mg/kg	0.31	0.043	1	05/20/23 02:19	05/22/23 17:22	90-12-0	P1
2-Methylnaphthalene	<b>0.041</b> U	mg/kg	0.30	0.041	1	05/20/23 02:19	05/22/23 17:22	91-57-6	P1
Naphthalene	<b>0.092</b> U	mg/kg	0.27	0.092	1	05/20/23 02:19	05/22/23 17:22	91-20-3	P1
Phenanthrene	<b>0.037</b> U	mg/kg	0.26	0.037	1	05/20/23 02:19	05/22/23 17:22	85-01-8	P1
Pyrene	<b>0.035</b> U	mg/kg	0.26	0.035	1	05/20/23 02:19	05/22/23 17:22	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	58	%	24-98		1	05/20/23 02:19	05/22/23 17:22	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-101		1	05/20/23 02:19	05/22/23 17:22	321-60-8	
p-Terphenyl-d14 (S)	71	%	29-112		1	05/20/23 02:19	05/22/23 17:22	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.012</b> U	mg/kg	0.066	0.012	1	05/21/23 17:06	05/21/23 23:07	67-64-1	
Benzene	<b>0.0013</b> U	mg/kg	0.0066	0.0013	1	05/21/23 17:06	05/21/23 23:07	71-43-2	
Bromochloromethane	<b>0.00098</b> U	mg/kg	0.0066	0.00098	1	05/21/23 17:06	05/21/23 23:07	74-97-5	
Bromodichloromethane	<b>0.0015</b> U	mg/kg	0.0066	0.0015	1	05/21/23 17:06	05/21/23 23:07	75-27-4	
Bromoform	<b>0.0015</b> U	mg/kg	0.0066	0.0015	1	05/21/23 17:06	05/21/23 23:07	75-25-2	
Bromomethane	<b>0.0024</b> U	mg/kg	0.0066	0.0024	1	05/21/23 17:06	05/21/23 23:07	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0066</b> U	mg/kg	0.066	0.0066	1	05/21/23 17:06	05/21/23 23:07	78-93-3	J(v2)
Carbon disulfide	<b>0.0033</b> U	mg/kg	0.0066	0.0033	1	05/21/23 17:06	05/21/23 23:07	75-15-0	
Carbon tetrachloride	<b>0.0016</b> U	mg/kg	0.0066	0.0016	1	05/21/23 17:06	05/21/23 23:07	56-23-5	
Chlorobenzene	<b>0.0012</b> U	mg/kg	0.0066	0.0012	1	05/21/23 17:06	05/21/23 23:07	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-1 (2-3) Lab ID: 35800552003 Collected: 05/17/23 09:12 Received: 05/18/23 11:27 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								
Chloroethane	<b>0.0028</b> U	mg/kg	0.0066	0.0028	1	05/21/23 17:06	05/21/23 23:07	75-00-3	J(v2)
Chloroform	<b>0.0011</b> U	mg/kg	0.0066	0.0011	1	05/21/23 17:06	05/21/23 23:07	67-66-3	J(v2)
Chloromethane	<b>0.0012</b> U	mg/kg	0.0066	0.0012	1	05/21/23 17:06	05/21/23 23:07	74-87-3	
Dibromochloromethane	<b>0.0012</b> U	mg/kg	0.0066	0.0012	1	05/21/23 17:06	05/21/23 23:07	124-48-1	
Dibromomethane	<b>0.00094</b> U	mg/kg	0.0066	0.00094	1	05/21/23 17:06	05/21/23 23:07	74-95-3	
1,2-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0066	0.0010	1	05/21/23 17:06	05/21/23 23:07	95-50-1	
1,3-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0066	0.0012	1	05/21/23 17:06	05/21/23 23:07	541-73-1	
1,4-Dichlorobenzene	<b>0.00089</b> U	mg/kg	0.0066	0.00089	1	05/21/23 17:06	05/21/23 23:07	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0016</b> U	mg/kg	0.0066	0.0016	1	05/21/23 17:06	05/21/23 23:07	110-57-6	
1,1-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0066	0.0013	1	05/21/23 17:06	05/21/23 23:07	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0066	0.0010	1	05/21/23 17:06	05/21/23 23:07	107-06-2	
1,1-Dichloroethylene	<b>0.0033</b> U	mg/kg	0.0066	0.0033	1	05/21/23 17:06	05/21/23 23:07	75-35-4	
cis-1,2-Dichloroethylene	<b>0.0015</b> U	mg/kg	0.0066	0.0015	1	05/21/23 17:06	05/21/23 23:07	156-59-2	
trans-1,2-Dichloroethylene	<b>0.0017</b> U	mg/kg	0.0066	0.0017	1	05/21/23 17:06	05/21/23 23:07	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0012</b> U	mg/kg	0.0066	0.0012	1	05/21/23 17:06	05/21/23 23:07	78-87-5	
1,3-Dichloropropene	<b>0.0033</b> U	mg/kg	0.0066	0.0033	1	05/21/23 17:06	05/21/23 23:07	542-75-6	
Ethylbenzene	<b>0.0016</b> U	mg/kg	0.0066	0.0016	1	05/21/23 17:06	05/21/23 23:07	100-41-4	
2-Hexanone	<b>0.0066</b> U	mg/kg	0.033	0.0066	1	05/21/23 17:06	05/21/23 23:07	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0017</b> U	mg/kg	0.0066	0.0017	1	05/21/23 17:06	05/21/23 23:07	98-82-8	
Methylene Chloride	<b>0.0058</b> U	mg/kg	0.0066	0.0058	1	05/21/23 17:06	05/21/23 23:07	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0066</b> U	mg/kg	0.033	0.0066	1	05/21/23 17:06	05/21/23 23:07	108-10-1	
Methyl-tert-butyl ether	<b>0.0020</b> U	mg/kg	0.0066	0.0020	1	05/21/23 17:06	05/21/23 23:07	1634-04-4	
Styrene	<b>0.0033</b> U	mg/kg	0.0066	0.0033	1	05/21/23 17:06	05/21/23 23:07	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00081</b> U	mg/kg	0.0066	0.00081	1	05/21/23 17:06	05/21/23 23:07	79-34-5	
Tetrachloroethene	<b>0.0016</b> U	mg/kg	0.0066	0.0016	1	05/21/23 17:06	05/21/23 23:07	127-18-4	
Toluene	<b>0.0011</b> U	mg/kg	0.0066	0.0011	1	05/21/23 17:06	05/21/23 23:07	108-88-3	
1,1,1-Trichloroethane	<b>0.0017</b> U	mg/kg	0.0066	0.0017	1	05/21/23 17:06	05/21/23 23:07	71-55-6	
1,1,2-Trichloroethane	<b>0.00078</b> U	mg/kg	0.0066	0.00078	1	05/21/23 17:06	05/21/23 23:07	79-00-5	
Trichloroethene	<b>0.0016</b> U	mg/kg	0.0066	0.0016	1	05/21/23 17:06	05/21/23 23:07	79-01-6	
Trichlorofluoromethane	<b>0.0033</b> U	mg/kg	0.0066	0.0033	1	05/21/23 17:06	05/21/23 23:07	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0015</b> U	mg/kg	0.0066	0.0015	1	05/21/23 17:06	05/21/23 23:07	95-63-6	
Vinyl chloride	<b>0.0012</b> U	mg/kg	0.0066	0.0012	1	05/21/23 17:06	05/21/23 23:07	75-01-4	
Xylene (Total)	<b>0.0068</b> U	mg/kg	0.020	0.0068	1	05/21/23 17:06	05/21/23 23:07	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	68-125		1	05/21/23 17:06	05/21/23 23:07	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	05/21/23 17:06	05/21/23 23:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	05/21/23 17:06	05/21/23 23:07	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>24.0</b>	%	0.10	0.10	1			05/19/23 14:01	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-2 (0-0.5) Lab ID: 35800552004 Collected: 05/17/23 09:56 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00019 U</b>	mg/kg	0.0019	0.00019	1	05/19/23 09:16	05/25/23 14:52	309-00-2	
alpha-BHC	<b>0.00010 U</b>	mg/kg	0.0019	0.00010	1	05/19/23 09:16	05/25/23 14:52	319-84-6	
beta-BHC	<b>0.00023 U</b>	mg/kg	0.0019	0.00023	1	05/19/23 09:16	05/25/23 14:52	319-85-7	
delta-BHC	<b>0.000098 U</b>	mg/kg	0.0019	0.000098	1	05/19/23 09:16	05/25/23 14:52	319-86-8	
gamma-BHC (Lindane)	<b>0.000055 U</b>	mg/kg	0.0019	0.000055	1	05/19/23 09:16	05/25/23 14:52	58-89-9	
Chlordane (Technical)	<b>0.0057 U</b>	mg/kg	0.019	0.0057	1	05/19/23 09:16	05/25/23 14:52	57-74-9	J(CU)
4,4'-DDD	<b>0.000086 U</b>	mg/kg	0.0019	0.000086	1	05/19/23 09:16	05/25/23 14:52	72-54-8	
4,4'-DDE	<b>0.000075 U</b>	mg/kg	0.0019	0.000075	1	05/19/23 09:16	05/25/23 14:52	72-55-9	
4,4'-DDT	<b>0.00011 U</b>	mg/kg	0.0019	0.00011	1	05/19/23 09:16	05/25/23 14:52	50-29-3	
Dieldrin	<b>0.000073 U</b>	mg/kg	0.0019	0.000073	1	05/19/23 09:16	05/25/23 14:52	60-57-1	
Endosulfan I	<b>0.00021 U</b>	mg/kg	0.0019	0.00021	1	05/19/23 09:16	05/25/23 14:52	959-98-8	
Endosulfan II	<b>0.000086 U</b>	mg/kg	0.0019	0.000086	1	05/19/23 09:16	05/25/23 14:52	33213-65-9	
Endosulfan sulfate	<b>0.000075 U</b>	mg/kg	0.0019	0.000075	1	05/19/23 09:16	05/25/23 14:52	1031-07-8	
Endrin	<b>0.00012 U</b>	mg/kg	0.0019	0.00012	1	05/19/23 09:16	05/25/23 14:52	72-20-8	
Endrin aldehyde	<b>0.00012 U</b>	mg/kg	0.0038	0.00012	1	05/19/23 09:16	05/25/23 14:52	7421-93-4	
Endrin ketone	<b>0.000089 U</b>	mg/kg	0.0019	0.000089	1	05/19/23 09:16	05/25/23 14:52	53494-70-5	
Heptachlor	<b>0.00020 U</b>	mg/kg	0.0019	0.00020	1	05/19/23 09:16	05/25/23 14:52	76-44-8	
Heptachlor epoxide	<b>0.000082 U</b>	mg/kg	0.0019	0.000082	1	05/19/23 09:16	05/25/23 14:52	1024-57-3	
Methoxychlor	<b>0.00028 U</b>	mg/kg	0.0019	0.00028	1	05/19/23 09:16	05/25/23 14:52	72-43-5	
Toxaphene	<b>0.0083 U</b>	mg/kg	0.019	0.0083	1	05/19/23 09:16	05/25/23 14:52	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	98	%	53-140		1	05/19/23 09:16	05/25/23 14:52	877-09-8	
Decachlorobiphenyl (S)	81	%	43-157		1	05/19/23 09:16	05/25/23 14:52	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>9.5 U</b>	mg/kg	11.1	9.5	1	05/20/23 08:48	05/20/23 18:50		P1
<b>Surrogates</b>									
o-Terphenyl (S)	93	%	66-136		1	05/20/23 08:48	05/20/23 18:50	84-15-1	
N-Pentatriacontane (S)	74	%	42-159		1	05/20/23 08:48	05/20/23 18:50	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.48 U</b>	mg/kg	0.97	0.48	1	05/20/23 10:47	05/22/23 14:02	7440-36-0	
Arsenic	<b>0.92</b>	mg/kg	0.64	0.32	1	05/20/23 10:47	05/22/23 14:02	7440-38-2	
Beryllium	<b>0.018 I</b>	mg/kg	0.064	0.011	1	05/20/23 10:47	05/22/23 14:02	7440-41-7	
Cadmium	<b>0.032 U</b>	mg/kg	0.064	0.032	1	05/20/23 10:47	05/22/23 14:02	7440-43-9	
Chromium	<b>2.5</b>	mg/kg	0.32	0.16	1	05/20/23 10:47	05/22/23 14:02	7440-47-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-2 (0-0.5) Lab ID: 35800552004 Collected: 05/17/23 09:56 Received: 05/18/23 11:27 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								
Copper	<b>0.55</b>	mg/kg	0.32	0.16	1	05/20/23 10:47	05/22/23 14:02	7440-50-8	
Lead	<b>2.3</b>	mg/kg	0.64	0.32	1	05/20/23 10:47	05/22/23 14:02	7439-92-1	
Nickel	<b>0.77</b>	mg/kg	0.32	0.16	1	05/20/23 10:47	05/22/23 14:02	7440-02-0	
Selenium	<b>0.48 U</b>	mg/kg	0.97	0.48	1	05/20/23 10:47	05/22/23 14:02	7782-49-2	
Silver	<b>0.071 U</b>	mg/kg	0.32	0.071	1	05/20/23 10:47	05/22/23 14:02	7440-22-4	
Thallium	<b>0.43 U</b>	mg/kg	0.97	0.43	1	05/20/23 10:47	05/22/23 14:02	7440-28-0	
Zinc	<b>2.3 U</b>	mg/kg	6.4	2.3	1	05/20/23 10:47	05/22/23 14:02	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.031</b>	mg/kg	0.011	0.0055	1	05/19/23 09:31	05/22/23 14:44	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.036 U</b>	mg/kg	0.081	0.036	1	05/24/23 01:31	05/25/23 13:39	83-32-9	P1
Acenaphthylene	<b>0.012 U</b>	mg/kg	0.076	0.012	1	05/24/23 01:31	05/25/23 13:39	208-96-8	P1
Anthracene	<b>0.010 U</b>	mg/kg	0.081	0.010	1	05/24/23 01:31	05/25/23 13:39	120-12-7	P1
Benzo(a)anthracene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/24/23 01:31	05/25/23 13:39	56-55-3	P1
Benzo(a)pyrene	<b>0.019 U</b>	mg/kg	0.076	0.019	1	05/24/23 01:31	05/25/23 13:39	50-32-8	P1
Benzo(b)fluoranthene	<b>0.020 U</b>	mg/kg	0.076	0.020	1	05/24/23 01:31	05/25/23 13:39	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.019 U</b>	mg/kg	0.076	0.019	1	05/24/23 01:31	05/25/23 13:39	191-24-2	P1
Benzo(k)fluoranthene	<b>0.020 U</b>	mg/kg	0.076	0.020	1	05/24/23 01:31	05/25/23 13:39	207-08-9	P1
Chrysene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/24/23 01:31	05/25/23 13:39	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.018 U</b>	mg/kg	0.076	0.018	1	05/24/23 01:31	05/25/23 13:39	53-70-3	P1
Fluoranthene	<b>0.025 U</b>	mg/kg	0.076	0.025	1	05/24/23 01:31	05/25/23 13:39	206-44-0	P1
Fluorene	<b>0.027 U</b>	mg/kg	0.083	0.027	1	05/24/23 01:31	05/25/23 13:39	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.017 U</b>	mg/kg	0.076	0.017	1	05/24/23 01:31	05/25/23 13:39	193-39-5	P1
1-Methylnaphthalene	<b>0.013 U</b>	mg/kg	0.090	0.013	1	05/24/23 01:31	05/25/23 13:39	90-12-0	P1
2-Methylnaphthalene	<b>0.012 U</b>	mg/kg	0.088	0.012	1	05/24/23 01:31	05/25/23 13:39	91-57-6	P1
Naphthalene	<b>0.027 U</b>	mg/kg	0.079	0.027	1	05/24/23 01:31	05/25/23 13:39	91-20-3	P1
Phenanthrene	<b>0.011 U</b>	mg/kg	0.076	0.011	1	05/24/23 01:31	05/25/23 13:39	85-01-8	P1
Pyrene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/24/23 01:31	05/25/23 13:39	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	24-98		1	05/24/23 01:31	05/25/23 13:39	4165-60-0	
2-Fluorobiphenyl (S)	47	%	29-101		1	05/24/23 01:31	05/25/23 13:39	321-60-8	
p-Terphenyl-d14 (S)	31	%	29-112		1	05/24/23 01:31	05/25/23 13:39	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.010 U</b>	mg/kg	0.058	0.010	1	05/21/23 17:06	05/21/23 23:31	67-64-1	
Benzene	<b>0.0012 U</b>	mg/kg	0.0058	0.0012	1	05/21/23 17:06	05/21/23 23:31	71-43-2	
Bromochloromethane	<b>0.00086 U</b>	mg/kg	0.0058	0.00086	1	05/21/23 17:06	05/21/23 23:31	74-97-5	
Bromodichloromethane	<b>0.0013 U</b>	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 23:31	75-27-4	
Bromoform	<b>0.0013 U</b>	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 23:31	75-25-2	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-2 (0-0.5) Lab ID: 35800552004 Collected: 05/17/23 09:56 Received: 05/18/23 11:27 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								
Bromomethane	<b>0.0021</b> U	mg/kg	0.0058	0.0021	1	05/21/23 17:06	05/21/23 23:31	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0058</b> U	mg/kg	0.058	0.0058	1	05/21/23 17:06	05/21/23 23:31	78-93-3	J(v2)
Carbon disulfide	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 23:31	75-15-0	
Carbon tetrachloride	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 23:31	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 23:31	108-90-7	
Chloroethane	<b>0.0024</b> U	mg/kg	0.0058	0.0024	1	05/21/23 17:06	05/21/23 23:31	75-00-3	J(v2)
Chloroform	<b>0.00098</b> U	mg/kg	0.0058	0.00098	1	05/21/23 17:06	05/21/23 23:31	67-66-3	J(v2)
Chloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/21/23 17:06	05/21/23 23:31	74-87-3	
Dibromochloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/21/23 17:06	05/21/23 23:31	124-48-1	
Dibromomethane	<b>0.00083</b> U	mg/kg	0.0058	0.00083	1	05/21/23 17:06	05/21/23 23:31	74-95-3	
1,2-Dichlorobenzene	<b>0.00089</b> U	mg/kg	0.0058	0.00089	1	05/21/23 17:06	05/21/23 23:31	95-50-1	
1,3-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 23:31	541-73-1	
1,4-Dichlorobenzene	<b>0.00078</b> U	mg/kg	0.0058	0.00078	1	05/21/23 17:06	05/21/23 23:31	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 23:31	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 23:31	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00090</b> U	mg/kg	0.0058	0.00090	1	05/21/23 17:06	05/21/23 23:31	107-06-2	
1,1-Dichloroethene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 23:31	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 23:31	156-59-2	
trans-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/21/23 17:06	05/21/23 23:31	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 23:31	78-87-5	
1,3-Dichloropropene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 23:31	542-75-6	
Ethylbenzene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 23:31	100-41-4	
2-Hexanone	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/21/23 17:06	05/21/23 23:31	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/21/23 17:06	05/21/23 23:31	98-82-8	
Methylene Chloride	<b>0.0051</b> U	mg/kg	0.0058	0.0051	1	05/21/23 17:06	05/21/23 23:31	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/21/23 17:06	05/21/23 23:31	108-10-1	
Methyl-tert-butyl ether	<b>0.0017</b> U	mg/kg	0.0058	0.0017	1	05/21/23 17:06	05/21/23 23:31	1634-04-4	
Styrene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 23:31	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00071</b> U	mg/kg	0.0058	0.00071	1	05/21/23 17:06	05/21/23 23:31	79-34-5	
Tetrachloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 23:31	127-18-4	
Toluene	<b>0.00094</b> U	mg/kg	0.0058	0.00094	1	05/21/23 17:06	05/21/23 23:31	108-88-3	
1,1,1-Trichloroethane	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/21/23 17:06	05/21/23 23:31	71-55-6	
1,1,2-Trichloroethane	<b>0.00069</b> U	mg/kg	0.0058	0.00069	1	05/21/23 17:06	05/21/23 23:31	79-00-5	
Trichloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/21/23 17:06	05/21/23 23:31	79-01-6	
Trichlorofluoromethane	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/21/23 17:06	05/21/23 23:31	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/21/23 17:06	05/21/23 23:31	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/21/23 17:06	05/21/23 23:31	75-01-4	
Xylene (Total)	<b>0.0060</b> U	mg/kg	0.017	0.0060	1	05/21/23 17:06	05/21/23 23:31	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	86	%	68-125		1	05/21/23 17:06	05/21/23 23:31	460-00-4	
Toluene-d8 (S)	92	%	70-130		1	05/21/23 17:06	05/21/23 23:31	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1	05/21/23 17:06	05/21/23 23:31	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-2 (0-0.5)      Lab ID: 35800552004      Collected: 05/17/23 09:56      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	11.7	%	0.10	0.10	1		05/19/23 14:01		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-2 (0.5-2) Lab ID: 35800552005 Collected: 05/17/23 10:00 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.0010</b> U	mg/kg	0.010	0.0010	1	05/19/23 09:16	05/25/23 15:05	309-00-2	P1
alpha-BHC	<b>0.00055</b> U	mg/kg	0.010	0.00055	1	05/19/23 09:16	05/25/23 15:05	319-84-6	P1
beta-BHC	<b>0.0012</b> U	mg/kg	0.010	0.0012	1	05/19/23 09:16	05/25/23 15:05	319-85-7	P1
delta-BHC	<b>0.00052</b> U	mg/kg	0.010	0.00052	1	05/19/23 09:16	05/25/23 15:05	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00029</b> U	mg/kg	0.010	0.00029	1	05/19/23 09:16	05/25/23 15:05	58-89-9	P1
Chlordane (Technical)	<b>0.030</b> U	mg/kg	0.10	0.030	1	05/19/23 09:16	05/25/23 15:05	57-74-9	J(CU), P1
4,4'-DDD	<b>0.00045</b> U	mg/kg	0.010	0.00045	1	05/19/23 09:16	05/25/23 15:05	72-54-8	P1
4,4'-DDE	<b>0.00040</b> U	mg/kg	0.010	0.00040	1	05/19/23 09:16	05/25/23 15:05	72-55-9	P1
4,4'-DDT	<b>0.00061</b> U	mg/kg	0.010	0.00061	1	05/19/23 09:16	05/25/23 15:05	50-29-3	P1
Dieldrin	<b>0.00039</b> U	mg/kg	0.010	0.00039	1	05/19/23 09:16	05/25/23 15:05	60-57-1	P1
Endosulfan I	<b>0.0011</b> U	mg/kg	0.010	0.0011	1	05/19/23 09:16	05/25/23 15:05	959-98-8	P1
Endosulfan II	<b>0.00045</b> U	mg/kg	0.010	0.00045	1	05/19/23 09:16	05/25/23 15:05	33213-65-9	P1
Endosulfan sulfate	<b>0.00040</b> U	mg/kg	0.010	0.00040	1	05/19/23 09:16	05/25/23 15:05	1031-07-8	P1
Endrin	<b>0.00063</b> U	mg/kg	0.010	0.00063	1	05/19/23 09:16	05/25/23 15:05	72-20-8	P1
Endrin aldehyde	<b>0.00065</b> U	mg/kg	0.020	0.00065	1	05/19/23 09:16	05/25/23 15:05	7421-93-4	P1
Endrin ketone	<b>0.00047</b> U	mg/kg	0.010	0.00047	1	05/19/23 09:16	05/25/23 15:05	53494-70-5	P1
Heptachlor	<b>0.0011</b> U	mg/kg	0.010	0.0011	1	05/19/23 09:16	05/25/23 15:05	76-44-8	P1
Heptachlor epoxide	<b>0.00043</b> U	mg/kg	0.010	0.00043	1	05/19/23 09:16	05/25/23 15:05	1024-57-3	P1
Methoxychlor	<b>0.0015</b> U	mg/kg	0.010	0.0015	1	05/19/23 09:16	05/25/23 15:05	72-43-5	P1
Toxaphene	<b>0.044</b> U	mg/kg	0.10	0.044	1	05/19/23 09:16	05/25/23 15:05	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	100	%	53-140		1	05/19/23 09:16	05/25/23 15:05	877-09-8	
Decachlorobiphenyl (S)	85	%	43-157		1	05/19/23 09:16	05/25/23 15:05	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>6.0</b> U	mg/kg	7.0	6.0	1	05/20/23 08:48	05/20/23 19:05		
<b>Surrogates</b>									
o-Terphenyl (S)	87	%	66-136		1	05/20/23 08:48	05/20/23 19:05	84-15-1	
N-Pentatriacontane (S)	67	%	42-159		1	05/20/23 08:48	05/20/23 19:05	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.46</b> U	mg/kg	0.93	0.46	1	05/20/23 10:47	05/22/23 14:05	7440-36-0	
Arsenic	<b>1.3</b>	mg/kg	0.62	0.31	1	05/20/23 10:47	05/22/23 14:05	7440-38-2	
Beryllium	<b>0.022</b> I	mg/kg	0.062	0.011	1	05/20/23 10:47	05/22/23 14:05	7440-41-7	
Cadmium	<b>0.031</b> U	mg/kg	0.062	0.031	1	05/20/23 10:47	05/22/23 14:05	7440-43-9	
Chromium	<b>2.7</b>	mg/kg	0.31	0.15	1	05/20/23 10:47	05/22/23 14:05	7440-47-3	
Copper	<b>0.33</b>	mg/kg	0.31	0.15	1	05/20/23 10:47	05/22/23 14:05	7440-50-8	
Lead	<b>0.49</b> I	mg/kg	0.62	0.31	1	05/20/23 10:47	05/22/23 14:05	7439-92-1	
Nickel	<b>1.5</b>	mg/kg	0.31	0.15	1	05/20/23 10:47	05/22/23 14:05	7440-02-0	
Selenium	<b>0.46</b> U	mg/kg	0.93	0.46	1	05/20/23 10:47	05/22/23 14:05	7782-49-2	
Silver	<b>0.068</b> U	mg/kg	0.31	0.068	1	05/20/23 10:47	05/22/23 14:05	7440-22-4	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-2 (0.5-2) Lab ID: 35800552005 Collected: 05/17/23 10:00 Received: 05/18/23 11:27 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								
Thallium	<b>0.41</b> U	mg/kg	0.93	0.41	1	05/20/23 10:47	05/22/23 14:05	7440-28-0	
Zinc	<b>2.2</b> U	mg/kg	6.2	2.2	1	05/20/23 10:47	05/22/23 14:05	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.018</b>	mg/kg	0.0089	0.0044	1	05/19/23 09:31	05/22/23 14:46	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.019</b> U	mg/kg	0.042	0.019	1	05/20/23 02:19	05/22/23 18:12	83-32-9	
Acenaphthylene	<b>0.0062</b> U	mg/kg	0.040	0.0062	1	05/20/23 02:19	05/22/23 18:12	208-96-8	
Anthracene	<b>0.0054</b> U	mg/kg	0.042	0.0054	1	05/20/23 02:19	05/22/23 18:12	120-12-7	
Benzo(a)anthracene	<b>0.0052</b> U	mg/kg	0.040	0.0052	1	05/20/23 02:19	05/22/23 18:12	56-55-3	
Benzo(a)pyrene	<b>0.0098</b> U	mg/kg	0.040	0.0098	1	05/20/23 02:19	05/22/23 18:12	50-32-8	
Benzo(b)fluoranthene	<b>0.010</b> U	mg/kg	0.040	0.010	1	05/20/23 02:19	05/22/23 18:12	205-99-2	
Benzo(g,h,i)perylene	<b>0.0099</b> U	mg/kg	0.040	0.0099	1	05/20/23 02:19	05/22/23 18:12	191-24-2	
Benzo(k)fluoranthene	<b>0.010</b> U	mg/kg	0.040	0.010	1	05/20/23 02:19	05/22/23 18:12	207-08-9	
Chrysene	<b>0.0052</b> U	mg/kg	0.040	0.0052	1	05/20/23 02:19	05/22/23 18:12	218-01-9	
Dibenz(a,h)anthracene	<b>0.0091</b> U	mg/kg	0.040	0.0091	1	05/20/23 02:19	05/22/23 18:12	53-70-3	
Fluoranthene	<b>0.013</b> U	mg/kg	0.040	0.013	1	05/20/23 02:19	05/22/23 18:12	206-44-0	
Fluorene	<b>0.014</b> U	mg/kg	0.043	0.014	1	05/20/23 02:19	05/22/23 18:12	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0090</b> U	mg/kg	0.040	0.0090	1	05/20/23 02:19	05/22/23 18:12	193-39-5	
1-Methylnaphthalene	<b>0.0065</b> U	mg/kg	0.047	0.0065	1	05/20/23 02:19	05/22/23 18:12	90-12-0	
2-Methylnaphthalene	<b>0.0062</b> U	mg/kg	0.045	0.0062	1	05/20/23 02:19	05/22/23 18:12	91-57-6	
Naphthalene	<b>0.014</b> U	mg/kg	0.041	0.014	1	05/20/23 02:19	05/22/23 18:12	91-20-3	
Phenanthrene	<b>0.0056</b> U	mg/kg	0.040	0.0056	1	05/20/23 02:19	05/22/23 18:12	85-01-8	
Pyrene	<b>0.0052</b> U	mg/kg	0.040	0.0052	1	05/20/23 02:19	05/22/23 18:12	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	47	%	24-98		1	05/20/23 02:19	05/22/23 18:12	4165-60-0	
2-Fluorobiphenyl (S)	50	%	29-101		1	05/20/23 02:19	05/22/23 18:12	321-60-8	
p-Terphenyl-d14 (S)	55	%	29-112		1	05/20/23 02:19	05/22/23 18:12	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.016</b> I	mg/kg	0.061	0.011	1	05/21/23 17:06	05/22/23 00:17	67-64-1	
Benzene	<b>0.0012</b> U	mg/kg	0.0061	0.0012	1	05/21/23 17:06	05/22/23 00:17	71-43-2	
Bromochloromethane	<b>0.00090</b> U	mg/kg	0.0061	0.00090	1	05/21/23 17:06	05/22/23 00:17	74-97-5	
Bromodichloromethane	<b>0.0013</b> U	mg/kg	0.0061	0.0013	1	05/21/23 17:06	05/22/23 00:17	75-27-4	
Bromoform	<b>0.0013</b> U	mg/kg	0.0061	0.0013	1	05/21/23 17:06	05/22/23 00:17	75-25-2	
Bromomethane	<b>0.0022</b> U	mg/kg	0.0061	0.0022	1	05/21/23 17:06	05/22/23 00:17	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0061</b> U	mg/kg	0.061	0.0061	1	05/21/23 17:06	05/22/23 00:17	78-93-3	J(v2)
Carbon disulfide	<b>0.0030</b> U	mg/kg	0.0061	0.0030	1	05/21/23 17:06	05/22/23 00:17	75-15-0	
Carbon tetrachloride	<b>0.0015</b> U	mg/kg	0.0061	0.0015	1	05/21/23 17:06	05/22/23 00:17	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0061	0.0011	1	05/21/23 17:06	05/22/23 00:17	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-2 (0.5-2) Lab ID: 35800552005 Collected: 05/17/23 10:00 Received: 05/18/23 11:27 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								
Chloroethane	<b>0.0025</b> U	mg/kg	0.0061	0.0025	1	05/21/23 17:06	05/22/23 00:17	75-00-3	J(v2)
Chloroform	<b>0.0010</b> U	mg/kg	0.0061	0.0010	1	05/21/23 17:06	05/22/23 00:17	67-66-3	J(v2)
Chloromethane	<b>0.0011</b> U	mg/kg	0.0061	0.0011	1	05/21/23 17:06	05/22/23 00:17	74-87-3	J(M1)
Dibromochloromethane	<b>0.0011</b> U	mg/kg	0.0061	0.0011	1	05/21/23 17:06	05/22/23 00:17	124-48-1	
Dibromomethane	<b>0.00086</b> U	mg/kg	0.0061	0.00086	1	05/21/23 17:06	05/22/23 00:17	74-95-3	
1,2-Dichlorobenzene	<b>0.00092</b> U	mg/kg	0.0061	0.00092	1	05/21/23 17:06	05/22/23 00:17	95-50-1	J(M1)
1,3-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0061	0.0011	1	05/21/23 17:06	05/22/23 00:17	541-73-1	J(M1)
1,4-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0061	0.00081	1	05/21/23 17:06	05/22/23 00:17	106-46-7	J(M1)
trans-1,4-Dichloro-2-butene	<b>0.0015</b> U	mg/kg	0.0061	0.0015	1	05/21/23 17:06	05/22/23 00:17	110-57-6	
1,1-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0061	0.0012	1	05/21/23 17:06	05/22/23 00:17	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00093</b> U	mg/kg	0.0061	0.00093	1	05/21/23 17:06	05/22/23 00:17	107-06-2	
1,1-Dichloroethene	<b>0.0030</b> U	mg/kg	0.0061	0.0030	1	05/21/23 17:06	05/22/23 00:17	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0061	0.0013	1	05/21/23 17:06	05/22/23 00:17	156-59-2	
trans-1,2-Dichloroethene	<b>0.0016</b> U	mg/kg	0.0061	0.0016	1	05/21/23 17:06	05/22/23 00:17	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0061	0.0011	1	05/21/23 17:06	05/22/23 00:17	78-87-5	
1,3-Dichloropropene	<b>0.0030</b> U	mg/kg	0.0061	0.0030	1	05/21/23 17:06	05/22/23 00:17	542-75-6	
Ethylbenzene	<b>0.0015</b> U	mg/kg	0.0061	0.0015	1	05/21/23 17:06	05/22/23 00:17	100-41-4	
2-Hexanone	<b>0.0061</b> U	mg/kg	0.030	0.0061	1	05/21/23 17:06	05/22/23 00:17	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0016</b> U	mg/kg	0.0061	0.0016	1	05/21/23 17:06	05/22/23 00:17	98-82-8	
Methylene Chloride	<b>0.0053</b> U	mg/kg	0.0061	0.0053	1	05/21/23 17:06	05/22/23 00:17	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0061</b> U	mg/kg	0.030	0.0061	1	05/21/23 17:06	05/22/23 00:17	108-10-1	
Methyl-tert-butyl ether	<b>0.0018</b> U	mg/kg	0.0061	0.0018	1	05/21/23 17:06	05/22/23 00:17	1634-04-4	
Styrene	<b>0.0030</b> U	mg/kg	0.0061	0.0030	1	05/21/23 17:06	05/22/23 00:17	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00074</b> U	mg/kg	0.0061	0.00074	1	05/21/23 17:06	05/22/23 00:17	79-34-5	
Tetrachloroethene	<b>0.0015</b> U	mg/kg	0.0061	0.0015	1	05/21/23 17:06	05/22/23 00:17	127-18-4	
Toluene	<b>0.00098</b> U	mg/kg	0.0061	0.00098	1	05/21/23 17:06	05/22/23 00:17	108-88-3	
1,1,1-Trichloroethane	<b>0.0016</b> U	mg/kg	0.0061	0.0016	1	05/21/23 17:06	05/22/23 00:17	71-55-6	
1,1,2-Trichloroethane	<b>0.00072</b> U	mg/kg	0.0061	0.00072	1	05/21/23 17:06	05/22/23 00:17	79-00-5	
Trichloroethene	<b>0.0015</b> U	mg/kg	0.0061	0.0015	1	05/21/23 17:06	05/22/23 00:17	79-01-6	
Trichlorofluoromethane	<b>0.0030</b> U	mg/kg	0.0061	0.0030	1	05/21/23 17:06	05/22/23 00:17	75-69-4	J(M1)
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0061	0.0013	1	05/21/23 17:06	05/22/23 00:17	95-63-6	J(M1)
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0061	0.0011	1	05/21/23 17:06	05/22/23 00:17	75-01-4	J(M1)
Xylene (Total)	<b>0.0062</b> U	mg/kg	0.018	0.0062	1	05/21/23 17:06	05/22/23 00:17	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	68-125		1	05/21/23 17:06	05/22/23 00:17	460-00-4	
Toluene-d8 (S)	100	%	70-130		1	05/21/23 17:06	05/22/23 00:17	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	05/21/23 17:06	05/22/23 00:17	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>14.5</b>	%	0.10	0.10	1			05/19/23 14:01	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-3 (0-0.5) Lab ID: 35800552006 Collected: 05/17/23 11:00 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00020</b> U	mg/kg	0.0020	0.00020	1	05/19/23 09:16	05/25/23 15:18	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0020	0.00011	1	05/19/23 09:16	05/25/23 15:18	319-84-6	
beta-BHC	<b>0.00024</b> U	mg/kg	0.0020	0.00024	1	05/19/23 09:16	05/25/23 15:18	319-85-7	
delta-BHC	<b>0.00010</b> U	mg/kg	0.0020	0.00010	1	05/19/23 09:16	05/25/23 15:18	319-86-8	
gamma-BHC (Lindane)	<b>0.000058</b> U	mg/kg	0.0020	0.000058	1	05/19/23 09:16	05/25/23 15:18	58-89-9	
Chlordane (Technical)	<b>0.0061</b> U	mg/kg	0.020	0.0061	1	05/19/23 09:16	05/25/23 15:18	57-74-9	J(CU)
4,4'-DDD	<b>0.000090</b> U	mg/kg	0.0020	0.000090	1	05/19/23 09:16	05/25/23 15:18	72-54-8	
4,4'-DDE	<b>0.000080</b> U	mg/kg	0.0020	0.000080	1	05/19/23 09:16	05/25/23 15:18	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0020	0.00012	1	05/19/23 09:16	05/25/23 15:18	50-29-3	
Dieldrin	<b>0.000077</b> U	mg/kg	0.0020	0.000077	1	05/19/23 09:16	05/25/23 15:18	60-57-1	
Endosulfan I	<b>0.00023</b> U	mg/kg	0.0020	0.00023	1	05/19/23 09:16	05/25/23 15:18	959-98-8	
Endosulfan II	<b>0.000090</b> U	mg/kg	0.0020	0.000090	1	05/19/23 09:16	05/25/23 15:18	33213-65-9	
Endosulfan sulfate	<b>0.000080</b> U	mg/kg	0.0020	0.000080	1	05/19/23 09:16	05/25/23 15:18	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0020	0.00013	1	05/19/23 09:16	05/25/23 15:18	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0040	0.00013	1	05/19/23 09:16	05/25/23 15:18	7421-93-4	
Endrin ketone	<b>0.000094</b> U	mg/kg	0.0020	0.000094	1	05/19/23 09:16	05/25/23 15:18	53494-70-5	
Heptachlor	<b>0.00021</b> U	mg/kg	0.0020	0.00021	1	05/19/23 09:16	05/25/23 15:18	76-44-8	
Heptachlor epoxide	<b>0.000087</b> U	mg/kg	0.0020	0.000087	1	05/19/23 09:16	05/25/23 15:18	1024-57-3	
Methoxychlor	<b>0.00030</b> U	mg/kg	0.0020	0.00030	1	05/19/23 09:16	05/25/23 15:18	72-43-5	
Toxaphene	<b>0.0087</b> U	mg/kg	0.020	0.0087	1	05/19/23 09:16	05/25/23 15:18	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	92	%	53-140		1	05/19/23 09:16	05/25/23 15:18	877-09-8	
Decachlorobiphenyl (S)	56	%	43-157		1	05/19/23 09:16	05/25/23 15:18	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>6.2</b> U	mg/kg	7.2	6.2	1	05/20/23 08:48	05/20/23 20:06		
<b>Surrogates</b>									
o-Terphenyl (S)	78	%	66-136		1	05/20/23 08:48	05/20/23 20:06	84-15-1	
N-Pentatriacontane (S)	63	%	42-159		1	05/20/23 08:48	05/20/23 20:06	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.54</b> U	mg/kg	1.1	0.54	1	05/20/23 10:47	05/22/23 14:09	7440-36-0	
Arsenic	<b>4.6</b>	mg/kg	0.71	0.36	1	05/20/23 10:47	05/22/23 14:09	7440-38-2	
Beryllium	<b>0.26</b>	mg/kg	0.071	0.013	1	05/20/23 10:47	05/22/23 14:09	7440-41-7	
Cadmium	<b>0.36</b>	mg/kg	0.071	0.036	1	05/20/23 10:47	05/22/23 14:09	7440-43-9	
Chromium	<b>13.3</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 14:09	7440-47-3	
Copper	<b>1.1</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 14:09	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-3 (0-0.5) Lab ID: 35800552006 Collected: 05/17/23 11:00 Received: 05/18/23 11:27 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								
Lead	1.3	mg/kg	0.71	0.36	1	05/20/23 10:47	05/22/23 14:09	7439-92-1	
Nickel	4.5	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 14:09	7440-02-0	
Selenium	0.54 U	mg/kg	1.1	0.54	1	05/20/23 10:47	05/22/23 14:09	7782-49-2	
Silver	0.078 U	mg/kg	0.36	0.078	1	05/20/23 10:47	05/22/23 14:09	7440-22-4	
Thallium	0.47 U	mg/kg	1.1	0.47	1	05/20/23 10:47	05/22/23 14:09	7440-28-0	
Zinc	4.0 I	mg/kg	7.1	2.6	1	05/20/23 10:47	05/22/23 14:09	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	0.020	mg/kg	0.0096	0.0048	1	05/19/23 09:31	05/22/23 14:48	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	0.019 U	mg/kg	0.043	0.019	1	05/20/23 02:19	05/22/23 18:37	83-32-9	
Acenaphthylene	0.0063 U	mg/kg	0.041	0.0063	1	05/20/23 02:19	05/22/23 18:37	208-96-8	
Anthracene	0.0055 U	mg/kg	0.043	0.0055	1	05/20/23 02:19	05/22/23 18:37	120-12-7	
Benzo(a)anthracene	0.0054 U	mg/kg	0.041	0.0054	1	05/20/23 02:19	05/22/23 18:37	56-55-3	
Benzo(a)pyrene	0.010 U	mg/kg	0.041	0.010	1	05/20/23 02:19	05/22/23 18:37	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.041	0.011	1	05/20/23 02:19	05/22/23 18:37	205-99-2	
Benzo(g,h,i)perylene	0.010 U	mg/kg	0.041	0.010	1	05/20/23 02:19	05/22/23 18:37	191-24-2	
Benzo(k)fluoranthene	0.011 U	mg/kg	0.041	0.011	1	05/20/23 02:19	05/22/23 18:37	207-08-9	
Chrysene	0.0054 U	mg/kg	0.041	0.0054	1	05/20/23 02:19	05/22/23 18:37	218-01-9	
Dibenz(a,h)anthracene	0.0093 U	mg/kg	0.041	0.0093	1	05/20/23 02:19	05/22/23 18:37	53-70-3	
Fluoranthene	0.013 U	mg/kg	0.041	0.013	1	05/20/23 02:19	05/22/23 18:37	206-44-0	
Fluorene	0.014 U	mg/kg	0.044	0.014	1	05/20/23 02:19	05/22/23 18:37	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0092 U	mg/kg	0.041	0.0092	1	05/20/23 02:19	05/22/23 18:37	193-39-5	
1-Methylnaphthalene	0.0067 U	mg/kg	0.048	0.0067	1	05/20/23 02:19	05/22/23 18:37	90-12-0	
2-Methylnaphthalene	0.0063 U	mg/kg	0.046	0.0063	1	05/20/23 02:19	05/22/23 18:37	91-57-6	
Naphthalene	0.014 U	mg/kg	0.042	0.014	1	05/20/23 02:19	05/22/23 18:37	91-20-3	
Phenanthrene	0.0057 U	mg/kg	0.041	0.0057	1	05/20/23 02:19	05/22/23 18:37	85-01-8	
Pyrene	0.0054 U	mg/kg	0.041	0.0054	1	05/20/23 02:19	05/22/23 18:37	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	24-98		1	05/20/23 02:19	05/22/23 18:37	4165-60-0	
2-Fluorobiphenyl (S)	55	%	29-101		1	05/20/23 02:19	05/22/23 18:37	321-60-8	
p-Terphenyl-d14 (S)	59	%	29-112		1	05/20/23 02:19	05/22/23 18:37	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	0.0074 U	mg/kg	0.041	0.0074	1	05/21/23 17:06	05/22/23 01:03	67-64-1	
Benzene	0.00083 U	mg/kg	0.0041	0.00083	1	05/21/23 17:06	05/22/23 01:03	71-43-2	
Bromochloromethane	0.00061 U	mg/kg	0.0041	0.00061	1	05/21/23 17:06	05/22/23 01:03	74-97-5	
Bromodichloromethane	0.00091 U	mg/kg	0.0041	0.00091	1	05/21/23 17:06	05/22/23 01:03	75-27-4	
Bromoform	0.00091 U	mg/kg	0.0041	0.00091	1	05/21/23 17:06	05/22/23 01:03	75-25-2	
Bromomethane	0.0015 U	mg/kg	0.0041	0.0015	1	05/21/23 17:06	05/22/23 01:03	74-83-9	J(v2)

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-3 (0-0.5) Lab ID: 35800552006 Collected: 05/17/23 11:00 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0041</b> U	mg/kg	0.041	0.0041	1	05/21/23 17:06	05/22/23 01:03	78-93-3	J(v2)
Carbon disulfide	<b>0.0021</b> U	mg/kg	0.0041	0.0021	1	05/21/23 17:06	05/22/23 01:03	75-15-0	
Carbon tetrachloride	<b>0.00099</b> U	mg/kg	0.0041	0.00099	1	05/21/23 17:06	05/22/23 01:03	56-23-5	
Chlorobenzene	<b>0.00077</b> U	mg/kg	0.0041	0.00077	1	05/21/23 17:06	05/22/23 01:03	108-90-7	
Chloroethane	<b>0.0017</b> U	mg/kg	0.0041	0.0017	1	05/21/23 17:06	05/22/23 01:03	75-00-3	J(v2)
Chloroform	<b>0.00070</b> U	mg/kg	0.0041	0.00070	1	05/21/23 17:06	05/22/23 01:03	67-66-3	J(v2)
Chloromethane	<b>0.00074</b> U	mg/kg	0.0041	0.00074	1	05/21/23 17:06	05/22/23 01:03	74-87-3	
Dibromochloromethane	<b>0.00072</b> U	mg/kg	0.0041	0.00072	1	05/21/23 17:06	05/22/23 01:03	124-48-1	
Dibromomethane	<b>0.00059</b> U	mg/kg	0.0041	0.00059	1	05/21/23 17:06	05/22/23 01:03	74-95-3	
1,2-Dichlorobenzene	<b>0.00063</b> U	mg/kg	0.0041	0.00063	1	05/21/23 17:06	05/22/23 01:03	95-50-1	
1,3-Dichlorobenzene	<b>0.00075</b> U	mg/kg	0.0041	0.00075	1	05/21/23 17:06	05/22/23 01:03	541-73-1	
1,4-Dichlorobenzene	<b>0.00055</b> U	mg/kg	0.0041	0.00055	1	05/21/23 17:06	05/22/23 01:03	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.00099</b> U	mg/kg	0.0041	0.00099	1	05/21/23 17:06	05/22/23 01:03	110-57-6	
1,1-Dichloroethane	<b>0.00081</b> U	mg/kg	0.0041	0.00081	1	05/21/23 17:06	05/22/23 01:03	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00064</b> U	mg/kg	0.0041	0.00064	1	05/21/23 17:06	05/22/23 01:03	107-06-2	
1,1-Dichloroethene	<b>0.0021</b> U	mg/kg	0.0041	0.0021	1	05/21/23 17:06	05/22/23 01:03	75-35-4	
cis-1,2-Dichloroethene	<b>0.00091</b> U	mg/kg	0.0041	0.00091	1	05/21/23 17:06	05/22/23 01:03	156-59-2	
trans-1,2-Dichloroethene	<b>0.0011</b> U	mg/kg	0.0041	0.0011	1	05/21/23 17:06	05/22/23 01:03	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.00076</b> U	mg/kg	0.0041	0.00076	1	05/21/23 17:06	05/22/23 01:03	78-87-5	
1,3-Dichloropropene	<b>0.0021</b> U	mg/kg	0.0041	0.0021	1	05/21/23 17:06	05/22/23 01:03	542-75-6	
Ethylbenzene	<b>0.00099</b> U	mg/kg	0.0041	0.00099	1	05/21/23 17:06	05/22/23 01:03	100-41-4	
2-Hexanone	<b>0.0041</b> U	mg/kg	0.021	0.0041	1	05/21/23 17:06	05/22/23 01:03	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0011</b> U	mg/kg	0.0041	0.0011	1	05/21/23 17:06	05/22/23 01:03	98-82-8	J(v2)
Methylene Chloride	<b>0.0036</b> U	mg/kg	0.0041	0.0036	1	05/21/23 17:06	05/22/23 01:03	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0041</b> U	mg/kg	0.021	0.0041	1	05/21/23 17:06	05/22/23 01:03	108-10-1	
Methyl-tert-butyl ether	<b>0.0012</b> U	mg/kg	0.0041	0.0012	1	05/21/23 17:06	05/22/23 01:03	1634-04-4	
Styrene	<b>0.0021</b> U	mg/kg	0.0041	0.0021	1	05/21/23 17:06	05/22/23 01:03	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00051</b> U	mg/kg	0.0041	0.00051	1	05/21/23 17:06	05/22/23 01:03	79-34-5	
Tetrachloroethene	<b>0.00099</b> U	mg/kg	0.0041	0.00099	1	05/21/23 17:06	05/22/23 01:03	127-18-4	
Toluene	<b>0.00067</b> U	mg/kg	0.0041	0.00067	1	05/21/23 17:06	05/22/23 01:03	108-88-3	
1,1,2-Trichloroethane	<b>0.0011</b> U	mg/kg	0.0041	0.0011	1	05/21/23 17:06	05/22/23 01:03	71-55-6	
1,1,2-Trichloroethane	<b>0.00049</b> U	mg/kg	0.0041	0.00049	1	05/21/23 17:06	05/22/23 01:03	79-00-5	
Trichloroethene	<b>0.00099</b> U	mg/kg	0.0041	0.00099	1	05/21/23 17:06	05/22/23 01:03	79-01-6	
Trichlorofluoromethane	<b>0.0021</b> U	mg/kg	0.0041	0.0021	1	05/21/23 17:06	05/22/23 01:03	75-69-4	
1,2,4-Trimethylbenzene	<b>0.00091</b> U	mg/kg	0.0041	0.00091	1	05/21/23 17:06	05/22/23 01:03	95-63-6	
Vinyl chloride	<b>0.00077</b> U	mg/kg	0.0041	0.00077	1	05/21/23 17:06	05/22/23 01:03	75-01-4	
Xylene (Total)	<b>0.0043</b> U	mg/kg	0.012	0.0043	1	05/21/23 17:06	05/22/23 01:03	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	68-125		1	05/21/23 17:06	05/22/23 01:03	460-00-4	
Toluene-d8 (S)	98	%	70-130		1	05/21/23 17:06	05/22/23 01:03	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	05/21/23 17:06	05/22/23 01:03	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

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Sample: SB-3 (0-0.5)      Lab ID: 35800552006      Collected: 05/17/23 11:00      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>16.5</b>	%	0.10	0.10	1			05/22/23 08:57	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-3 (0.5-2) Lab ID: 35800552007 Collected: 05/17/23 11:04 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00022 U</b>	mg/kg	0.0022	0.00022	1	05/19/23 09:16	05/25/23 15:31	309-00-2	
alpha-BHC	<b>0.00012 U</b>	mg/kg	0.0022	0.00012	1	05/19/23 09:16	05/25/23 15:31	319-84-6	
beta-BHC	<b>0.00026 U</b>	mg/kg	0.0022	0.00026	1	05/19/23 09:16	05/25/23 15:31	319-85-7	
delta-BHC	<b>0.00011 U</b>	mg/kg	0.0022	0.00011	1	05/19/23 09:16	05/25/23 15:31	319-86-8	
gamma-BHC (Lindane)	<b>0.000062 U</b>	mg/kg	0.0022	0.000062	1	05/19/23 09:16	05/25/23 15:31	58-89-9	
Chlordane (Technical)	<b>0.0065 U</b>	mg/kg	0.022	0.0065	1	05/19/23 09:16	05/25/23 15:31	57-74-9	J(CU)
4,4'-DDD	<b>0.000097 U</b>	mg/kg	0.0022	0.000097	1	05/19/23 09:16	05/25/23 15:31	72-54-8	
4,4'-DDE	<b>0.000085 U</b>	mg/kg	0.0022	0.000085	1	05/19/23 09:16	05/25/23 15:31	72-55-9	
4,4'-DDT	<b>0.00013 U</b>	mg/kg	0.0022	0.00013	1	05/19/23 09:16	05/25/23 15:31	50-29-3	
Dieldrin	<b>0.000083 U</b>	mg/kg	0.0022	0.000083	1	05/19/23 09:16	05/25/23 15:31	60-57-1	
Endosulfan I	<b>0.00024 U</b>	mg/kg	0.0022	0.00024	1	05/19/23 09:16	05/25/23 15:31	959-98-8	
Endosulfan II	<b>0.000097 U</b>	mg/kg	0.0022	0.000097	1	05/19/23 09:16	05/25/23 15:31	33213-65-9	
Endosulfan sulfate	<b>0.000085 U</b>	mg/kg	0.0022	0.000085	1	05/19/23 09:16	05/25/23 15:31	1031-07-8	
Endrin	<b>0.00014 U</b>	mg/kg	0.0022	0.00014	1	05/19/23 09:16	05/25/23 15:31	72-20-8	
Endrin aldehyde	<b>0.00014 U</b>	mg/kg	0.0043	0.00014	1	05/19/23 09:16	05/25/23 15:31	7421-93-4	
Endrin ketone	<b>0.00010 U</b>	mg/kg	0.0022	0.00010	1	05/19/23 09:16	05/25/23 15:31	53494-70-5	
Heptachlor	<b>0.00023 U</b>	mg/kg	0.0022	0.00023	1	05/19/23 09:16	05/25/23 15:31	76-44-8	
Heptachlor epoxide	<b>0.000093 U</b>	mg/kg	0.0022	0.000093	1	05/19/23 09:16	05/25/23 15:31	1024-57-3	
Methoxychlor	<b>0.00032 U</b>	mg/kg	0.0022	0.00032	1	05/19/23 09:16	05/25/23 15:31	72-43-5	
Toxaphene	<b>0.0093 U</b>	mg/kg	0.022	0.0093	1	05/19/23 09:16	05/25/23 15:31	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	97	%	53-140		1	05/19/23 09:16	05/25/23 15:31	877-09-8	
Decachlorobiphenyl (S)	69	%	43-157		1	05/19/23 09:16	05/25/23 15:31	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>10.7 U</b>	mg/kg	12.4	10.7	1	05/20/23 08:48	05/20/23 20:22		P1
<b>Surrogates</b>									
o-Terphenyl (S)	85	%	66-136		1	05/20/23 08:48	05/20/23 20:22	84-15-1	
N-Pentatriacontane (S)	70	%	42-159		1	05/20/23 08:48	05/20/23 20:22	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>2.3 U</b>	mg/kg	4.5	2.3	5	05/20/23 10:47	05/23/23 04:00	7440-36-0	D3
Arsenic	<b>2.4 I</b>	mg/kg	3.0	1.5	5	05/20/23 10:47	05/23/23 04:00	7440-38-2	
Beryllium	<b>0.27 I</b>	mg/kg	0.30	0.053	5	05/20/23 10:47	05/23/23 04:00	7440-41-7	
Cadmium	<b>0.15 U</b>	mg/kg	0.30	0.15	5	05/20/23 10:47	05/23/23 04:00	7440-43-9	D3
Chromium	<b>6.0</b>	mg/kg	1.5	0.76	5	05/20/23 10:47	05/23/23 04:00	7440-47-3	
Copper	<b>0.85 I</b>	mg/kg	1.5	0.76	5	05/20/23 10:47	05/23/23 04:00	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-3 (0.5-2) Lab ID: 35800552007 Collected: 05/17/23 11:04 Received: 05/18/23 11:27 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								
Lead	<b>2.9</b> I	mg/kg	3.0	1.5	5	05/20/23 10:47	05/23/23 04:00	7439-92-1	
Nickel	<b>3.0</b>	mg/kg	1.5	0.76	5	05/20/23 10:47	05/23/23 04:00	7440-02-0	
Selenium	<b>2.3</b> U	mg/kg	4.5	2.3	5	05/20/23 10:47	05/23/23 04:00	7782-49-2	D3
Silver	<b>0.33</b> U	mg/kg	1.5	0.33	5	05/20/23 10:47	05/23/23 04:00	7440-22-4	D3
Thallium	<b>2.0</b> U	mg/kg	4.5	2.0	5	05/20/23 10:47	05/23/23 04:00	7440-28-0	D3
Zinc	<b>10.9</b> U	mg/kg	30.3	10.9	5	05/20/23 10:47	05/23/23 04:00	7440-66-6	D3
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.018</b>	mg/kg	0.011	0.0054	1	05/19/23 09:31	05/22/23 14:55	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.12</b> U	mg/kg	0.26	0.12	1	05/22/23 09:45	05/22/23 22:25	83-32-9	P1
Acenaphthylene	<b>0.039</b> U	mg/kg	0.25	0.039	1	05/22/23 09:45	05/22/23 22:25	208-96-8	P1
Anthracene	<b>0.034</b> U	mg/kg	0.26	0.034	1	05/22/23 09:45	05/22/23 22:25	120-12-7	P1
Benzo(a)anthracene	<b>0.033</b> U	mg/kg	0.25	0.033	1	05/22/23 09:45	05/22/23 22:25	56-55-3	P1
Benzo(a)pyrene	<b>0.062</b> U	mg/kg	0.25	0.062	1	05/22/23 09:45	05/22/23 22:25	50-32-8	P1
Benzo(b)fluoranthene	<b>0.066</b> U	mg/kg	0.25	0.066	1	05/22/23 09:45	05/22/23 22:25	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.062</b> U	mg/kg	0.25	0.062	1	05/22/23 09:45	05/22/23 22:25	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.066</b> U	mg/kg	0.25	0.066	1	05/22/23 09:45	05/22/23 22:25	207-08-9	P1
Chrysene	<b>0.033</b> U	mg/kg	0.25	0.033	1	05/22/23 09:45	05/22/23 22:25	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.057</b> U	mg/kg	0.25	0.057	1	05/22/23 09:45	05/22/23 22:25	53-70-3	P1
Fluoranthene	<b>0.081</b> U	mg/kg	0.25	0.081	1	05/22/23 09:45	05/22/23 22:25	206-44-0	P1
Fluorene	<b>0.088</b> U	mg/kg	0.27	0.088	1	05/22/23 09:45	05/22/23 22:25	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.056</b> U	mg/kg	0.25	0.056	1	05/22/23 09:45	05/22/23 22:25	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.041</b> U	mg/kg	0.29	0.041	1	05/22/23 09:45	05/22/23 22:25	90-12-0	P1
2-Methylnaphthalene	<b>0.039</b> U	mg/kg	0.29	0.039	1	05/22/23 09:45	05/22/23 22:25	91-57-6	P1
Naphthalene	<b>0.088</b> U	mg/kg	0.26	0.088	1	05/22/23 09:45	05/22/23 22:25	91-20-3	P1
Phenanthrene	<b>0.035</b> U	mg/kg	0.25	0.035	1	05/22/23 09:45	05/22/23 22:25	85-01-8	P1
Pyrene	<b>0.033</b> U	mg/kg	0.25	0.033	1	05/22/23 09:45	05/22/23 22:25	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	70	%	24-98		1	05/22/23 09:45	05/22/23 22:25	4165-60-0	
2-Fluorobiphenyl (S)	79	%	29-101		1	05/22/23 09:45	05/22/23 22:25	321-60-8	
p-Terphenyl-d14 (S)	86	%	29-112		1	05/22/23 09:45	05/22/23 22:25	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.041</b> I	mg/kg	0.053	0.0095	1	05/21/23 17:06	05/22/23 01:26	67-64-1	
Benzene	<b>0.0011</b> U	mg/kg	0.0053	0.0011	1	05/21/23 17:06	05/22/23 01:26	71-43-2	
Bromochloromethane	<b>0.00079</b> U	mg/kg	0.0053	0.00079	1	05/21/23 17:06	05/22/23 01:26	74-97-5	
Bromodichloromethane	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 01:26	75-27-4	
Bromoform	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 01:26	75-25-2	
Bromomethane	<b>0.0019</b> U	mg/kg	0.0053	0.0019	1	05/21/23 17:06	05/22/23 01:26	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-3 (0.5-2) Lab ID: 35800552007 Collected: 05/17/23 11:04 Received: 05/18/23 11:27 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							
2-Butanone (MEK)	<b>0.0053</b> U	mg/kg	0.053	0.0053	1	05/21/23 17:06	05/22/23 01:26	78-93-3	J(v2)
Carbon disulfide	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 01:26	75-15-0	
Carbon tetrachloride	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 01:26	56-23-5	
Chlorobenzene	<b>0.00099</b> U	mg/kg	0.0053	0.00099	1	05/21/23 17:06	05/22/23 01:26	108-90-7	
Chloroethane	<b>0.0022</b> U	mg/kg	0.0053	0.0022	1	05/21/23 17:06	05/22/23 01:26	75-00-3	J(v2)
Chloroform	<b>0.00090</b> U	mg/kg	0.0053	0.00090	1	05/21/23 17:06	05/22/23 01:26	67-66-3	J(v2)
Chloromethane	<b>0.00095</b> U	mg/kg	0.0053	0.00095	1	05/21/23 17:06	05/22/23 01:26	74-87-3	
Dibromochloromethane	<b>0.00093</b> U	mg/kg	0.0053	0.00093	1	05/21/23 17:06	05/22/23 01:26	124-48-1	
Dibromomethane	<b>0.00076</b> U	mg/kg	0.0053	0.00076	1	05/21/23 17:06	05/22/23 01:26	74-95-3	
1,2-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0053	0.00081	1	05/21/23 17:06	05/22/23 01:26	95-50-1	
1,3-Dichlorobenzene	<b>0.00097</b> U	mg/kg	0.0053	0.00097	1	05/21/23 17:06	05/22/23 01:26	541-73-1	
1,4-Dichlorobenzene	<b>0.00072</b> U	mg/kg	0.0053	0.00072	1	05/21/23 17:06	05/22/23 01:26	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 01:26	110-57-6	
1,1-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0053	0.0010	1	05/21/23 17:06	05/22/23 01:26	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00082</b> U	mg/kg	0.0053	0.00082	1	05/21/23 17:06	05/22/23 01:26	107-06-2	
1,1-Dichloroethene	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 01:26	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 01:26	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/21/23 17:06	05/22/23 01:26	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.00098</b> U	mg/kg	0.0053	0.00098	1	05/21/23 17:06	05/22/23 01:26	78-87-5	
1,3-Dichloropropene	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 01:26	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 01:26	100-41-4	
2-Hexanone	<b>0.0053</b> U	mg/kg	0.027	0.0053	1	05/21/23 17:06	05/22/23 01:26	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/21/23 17:06	05/22/23 01:26	98-82-8	
Methylene Chloride	<b>0.0047</b> U	mg/kg	0.0053	0.0047	1	05/21/23 17:06	05/22/23 01:26	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0053</b> U	mg/kg	0.027	0.0053	1	05/21/23 17:06	05/22/23 01:26	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0053	0.0016	1	05/21/23 17:06	05/22/23 01:26	1634-04-4	
Styrene	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 01:26	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00065</b> U	mg/kg	0.0053	0.00065	1	05/21/23 17:06	05/22/23 01:26	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 01:26	127-18-4	
Toluene	<b>0.00087</b> U	mg/kg	0.0053	0.00087	1	05/21/23 17:06	05/22/23 01:26	108-88-3	
1,1,2-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/21/23 17:06	05/22/23 01:26	71-55-6	
1,1,2-Trichloroethane	<b>0.00063</b> U	mg/kg	0.0053	0.00063	1	05/21/23 17:06	05/22/23 01:26	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 01:26	79-01-6	
Trichlorofluoromethane	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 01:26	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 01:26	95-63-6	
Vinyl chloride	<b>0.00099</b> U	mg/kg	0.0053	0.00099	1	05/21/23 17:06	05/22/23 01:26	75-01-4	
Xylene (Total)	<b>0.0055</b> U	mg/kg	0.016	0.0055	1	05/21/23 17:06	05/22/23 01:26	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	68-125		1	05/21/23 17:06	05/22/23 01:26	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	05/21/23 17:06	05/22/23 01:26	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	05/21/23 17:06	05/22/23 01:26	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

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Sample: SB-3 (0.5-2) Lab ID: 35800552007 Collected: 05/17/23 11:04 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>21.6</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-4 (0-0.5) Lab ID: 35800552008 Collected: 05/17/23 12:42 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00084 U</b>	mg/kg	0.0084	0.00084	1	05/19/23 09:16	05/25/23 15:45	309-00-2	P1
alpha-BHC	<b>0.00046 U</b>	mg/kg	0.0084	0.00046	1	05/19/23 09:16	05/25/23 15:45	319-84-6	P1
beta-BHC	<b>0.0043 I</b>	mg/kg	0.0084	0.0010	1	05/19/23 09:16	05/25/23 15:45	319-85-7	C2,P1
delta-BHC	<b>0.0028 I</b>	mg/kg	0.0084	0.00043	1	05/19/23 09:16	05/25/23 15:45	319-86-8	C2,P1
gamma-BHC (Lindane)	<b>0.00024 U</b>	mg/kg	0.0084	0.00024	1	05/19/23 09:16	05/25/23 15:45	58-89-9	P1
Chlordane (Technical)	<b>0.025 U</b>	mg/kg	0.084	0.025	1	05/19/23 09:16	05/25/23 15:45	57-74-9	J(CU), P1
4,4'-DDD	<b>0.00038 U</b>	mg/kg	0.0084	0.00038	1	05/19/23 09:16	05/25/23 15:45	72-54-8	P1
4,4'-DDE	<b>0.00033 U</b>	mg/kg	0.0084	0.00033	1	05/19/23 09:16	05/25/23 15:45	72-55-9	P1
4,4'-DDT	<b>0.00051 U</b>	mg/kg	0.0084	0.00051	1	05/19/23 09:16	05/25/23 15:45	50-29-3	P1
Dieldrin	<b>0.00032 U</b>	mg/kg	0.0084	0.00032	1	05/19/23 09:16	05/25/23 15:45	60-57-1	P1
Endosulfan I	<b>0.00094 U</b>	mg/kg	0.0084	0.00094	1	05/19/23 09:16	05/25/23 15:45	959-98-8	P1
Endosulfan II	<b>0.00038 U</b>	mg/kg	0.0084	0.00038	1	05/19/23 09:16	05/25/23 15:45	33213-65-9	P1
Endosulfan sulfate	<b>0.00033 U</b>	mg/kg	0.0084	0.00033	1	05/19/23 09:16	05/25/23 15:45	1031-07-8	P1
Endrin	<b>0.00053 U</b>	mg/kg	0.0084	0.00053	1	05/19/23 09:16	05/25/23 15:45	72-20-8	P1
Endrin aldehyde	<b>0.00055 U</b>	mg/kg	0.017	0.00055	1	05/19/23 09:16	05/25/23 15:45	7421-93-4	P1
Endrin ketone	<b>0.00039 U</b>	mg/kg	0.0084	0.00039	1	05/19/23 09:16	05/25/23 15:45	53494-70-5	P1
Heptachlor	<b>0.00089 U</b>	mg/kg	0.0084	0.00089	1	05/19/23 09:16	05/25/23 15:45	76-44-8	P1
Heptachlor epoxide	<b>0.00036 U</b>	mg/kg	0.0084	0.00036	1	05/19/23 09:16	05/25/23 15:45	1024-57-3	P1
Methoxychlor	<b>0.0012 U</b>	mg/kg	0.0084	0.0012	1	05/19/23 09:16	05/25/23 15:45	72-43-5	P1
Toxaphene	<b>0.037 U</b>	mg/kg	0.084	0.037	1	05/19/23 09:16	05/25/23 15:45	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	85	%	53-140		1	05/19/23 09:16	05/25/23 15:45	877-09-8	
Decachlorobiphenyl (S)	44	%	43-157		1	05/19/23 09:16	05/25/23 15:45	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>28.8</b>	mg/kg	15.2	13.1	1	05/20/23 08:48	05/20/23 20:37		
<b>Surrogates</b>									
o-Terphenyl (S)	76	%	66-136		1	05/20/23 08:48	05/20/23 20:37	84-15-1	
N-Pentatriacontane (S)	57	%	42-159		1	05/20/23 08:48	05/20/23 20:37	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>1.0 U</b>	mg/kg	2.1	1.0	1	05/20/23 10:47	05/22/23 14:17	7440-36-0	
Arsenic	<b>0.73 I</b>	mg/kg	1.4	0.69	1	05/20/23 10:47	05/22/23 14:17	7440-38-2	
Beryllium	<b>0.092 I</b>	mg/kg	0.14	0.024	1	05/20/23 10:47	05/22/23 14:17	7440-41-7	
Cadmium	<b>0.069 U</b>	mg/kg	0.14	0.069	1	05/20/23 10:47	05/22/23 14:17	7440-43-9	
Chromium	<b>3.7</b>	mg/kg	0.69	0.35	1	05/20/23 10:47	05/22/23 14:17	7440-47-3	
Copper	<b>5.7</b>	mg/kg	0.69	0.35	1	05/20/23 10:47	05/22/23 14:17	7440-50-8	
Lead	<b>4.3</b>	mg/kg	1.4	0.69	1	05/20/23 10:47	05/22/23 14:17	7439-92-1	
Nickel	<b>2.8</b>	mg/kg	0.69	0.35	1	05/20/23 10:47	05/22/23 14:17	7440-02-0	
Selenium	<b>1.9 I</b>	mg/kg	2.1	1.0	1	05/20/23 10:47	05/22/23 14:17	7782-49-2	
Silver	<b>0.15 U</b>	mg/kg	0.69	0.15	1	05/20/23 10:47	05/22/23 14:17	7440-22-4	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-4 (0-0.5) Lab ID: 35800552008 Collected: 05/17/23 12:42 Received: 05/18/23 11:27 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								
Thallium	<b>0.92</b> U	mg/kg	2.1	0.92	1	05/20/23 10:47	05/22/23 14:17	7440-28-0	
Zinc	<b>9.3</b> I	mg/kg	13.9	5.0	1	05/20/23 10:47	05/22/23 14:17	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.14</b>	mg/kg	0.025	0.012	1	05/19/23 09:31	05/22/23 14:58	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.080</b> U	mg/kg	0.18	0.080	1	05/22/23 09:45	05/22/23 22:50	83-32-9	P1
Acenaphthylene	<b>0.026</b> U	mg/kg	0.17	0.026	1	05/22/23 09:45	05/22/23 22:50	208-96-8	P1
Anthracene	<b>0.023</b> U	mg/kg	0.18	0.023	1	05/22/23 09:45	05/22/23 22:50	120-12-7	P1
Benzo(a)anthracene	<b>0.022</b> U	mg/kg	0.17	0.022	1	05/22/23 09:45	05/22/23 22:50	56-55-3	P1
Benzo(a)pyrene	<b>0.042</b> U	mg/kg	0.17	0.042	1	05/22/23 09:45	05/22/23 22:50	50-32-8	P1
Benzo(b)fluoranthene	<b>0.045</b> U	mg/kg	0.17	0.045	1	05/22/23 09:45	05/22/23 22:50	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.042</b> U	mg/kg	0.17	0.042	1	05/22/23 09:45	05/22/23 22:50	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.045</b> U	mg/kg	0.17	0.045	1	05/22/23 09:45	05/22/23 22:50	207-08-9	P1
Chrysene	<b>0.022</b> U	mg/kg	0.17	0.022	1	05/22/23 09:45	05/22/23 22:50	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.039</b> U	mg/kg	0.17	0.039	1	05/22/23 09:45	05/22/23 22:50	53-70-3	P1
Fluoranthene	<b>0.055</b> U	mg/kg	0.17	0.055	1	05/22/23 09:45	05/22/23 22:50	206-44-0	P1
Fluorene	<b>0.060</b> U	mg/kg	0.18	0.060	1	05/22/23 09:45	05/22/23 22:50	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.038</b> U	mg/kg	0.17	0.038	1	05/22/23 09:45	05/22/23 22:50	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.028</b> U	mg/kg	0.20	0.028	1	05/22/23 09:45	05/22/23 22:50	90-12-0	P1
2-Methylnaphthalene	<b>0.026</b> U	mg/kg	0.19	0.026	1	05/22/23 09:45	05/22/23 22:50	91-57-6	P1
Naphthalene	<b>0.060</b> U	mg/kg	0.17	0.060	1	05/22/23 09:45	05/22/23 22:50	91-20-3	P1
Phenanthrene	<b>0.024</b> U	mg/kg	0.17	0.024	1	05/22/23 09:45	05/22/23 22:50	85-01-8	P1
Pyrene	<b>0.022</b> U	mg/kg	0.17	0.022	1	05/22/23 09:45	05/22/23 22:50	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	66	%	24-98		1	05/22/23 09:45	05/22/23 22:50	4165-60-0	
2-Fluorobiphenyl (S)	77	%	29-101		1	05/22/23 09:45	05/22/23 22:50	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	05/22/23 09:45	05/22/23 22:50	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.61</b>	mg/kg	0.20	0.035	1	05/21/23 17:06	05/22/23 01:50	67-64-1	
Benzene	<b>0.0039</b> U	mg/kg	0.020	0.0039	1	05/21/23 17:06	05/22/23 01:50	71-43-2	
Bromochloromethane	<b>0.0029</b> U	mg/kg	0.020	0.0029	1	05/21/23 17:06	05/22/23 01:50	74-97-5	
Bromodichloromethane	<b>0.0043</b> U	mg/kg	0.020	0.0043	1	05/21/23 17:06	05/22/23 01:50	75-27-4	
Bromoform	<b>0.0043</b> U	mg/kg	0.020	0.0043	1	05/21/23 17:06	05/22/23 01:50	75-25-2	
Bromomethane	<b>0.0071</b> U	mg/kg	0.020	0.0071	1	05/21/23 17:06	05/22/23 01:50	74-83-9	J(v2)
2-Butanone (MEK)	<b>1.1</b>	mg/kg	0.20	0.020	1	05/21/23 17:06	05/22/23 01:50	78-93-3	J(v3)
Carbon disulfide	<b>0.0098</b> U	mg/kg	0.020	0.0098	1	05/21/23 17:06	05/22/23 01:50	75-15-0	
Carbon tetrachloride	<b>0.0047</b> U	mg/kg	0.020	0.0047	1	05/21/23 17:06	05/22/23 01:50	56-23-5	
Chlorobenzene	<b>0.0037</b> U	mg/kg	0.020	0.0037	1	05/21/23 17:06	05/22/23 01:50	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-4 (0-0.5) Lab ID: 35800552008 Collected: 05/17/23 12:42 Received: 05/18/23 11:27 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								
Chloroethane	<b>0.0082</b> U	mg/kg	0.020	0.0082	1	05/21/23 17:06	05/22/23 01:50	75-00-3	J(v2)
Chloroform	<b>0.0033</b> U	mg/kg	0.020	0.0033	1	05/21/23 17:06	05/22/23 01:50	67-66-3	J(v2)
Chloromethane	<b>0.0035</b> U	mg/kg	0.020	0.0035	1	05/21/23 17:06	05/22/23 01:50	74-87-3	
Dibromochloromethane	<b>0.0034</b> U	mg/kg	0.020	0.0034	1	05/21/23 17:06	05/22/23 01:50	124-48-1	
Dibromomethane	<b>0.0028</b> U	mg/kg	0.020	0.0028	1	05/21/23 17:06	05/22/23 01:50	74-95-3	
1,2-Dichlorobenzene	<b>0.0030</b> U	mg/kg	0.020	0.0030	1	05/21/23 17:06	05/22/23 01:50	95-50-1	
1,3-Dichlorobenzene	<b>0.0036</b> U	mg/kg	0.020	0.0036	1	05/21/23 17:06	05/22/23 01:50	541-73-1	
1,4-Dichlorobenzene	<b>0.0026</b> U	mg/kg	0.020	0.0026	1	05/21/23 17:06	05/22/23 01:50	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0047</b> U	mg/kg	0.020	0.0047	1	05/21/23 17:06	05/22/23 01:50	110-57-6	
1,1-Dichloroethane	<b>0.0038</b> U	mg/kg	0.020	0.0038	1	05/21/23 17:06	05/22/23 01:50	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.0030</b> U	mg/kg	0.020	0.0030	1	05/21/23 17:06	05/22/23 01:50	107-06-2	
1,1-Dichloroethene	<b>0.0098</b> U	mg/kg	0.020	0.0098	1	05/21/23 17:06	05/22/23 01:50	75-35-4	
cis-1,2-Dichloroethene	<b>0.0043</b> U	mg/kg	0.020	0.0043	1	05/21/23 17:06	05/22/23 01:50	156-59-2	
trans-1,2-Dichloroethene	<b>0.0051</b> U	mg/kg	0.020	0.0051	1	05/21/23 17:06	05/22/23 01:50	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0036</b> U	mg/kg	0.020	0.0036	1	05/21/23 17:06	05/22/23 01:50	78-87-5	
1,3-Dichloropropene	<b>0.0098</b> U	mg/kg	0.020	0.0098	1	05/21/23 17:06	05/22/23 01:50	542-75-6	
Ethylbenzene	<b>0.0047</b> U	mg/kg	0.020	0.0047	1	05/21/23 17:06	05/22/23 01:50	100-41-4	
2-Hexanone	<b>0.020</b> U	mg/kg	0.098	0.020	1	05/21/23 17:06	05/22/23 01:50	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0051</b> U	mg/kg	0.020	0.0051	1	05/21/23 17:06	05/22/23 01:50	98-82-8	
Methylene Chloride	<b>0.017</b> U	mg/kg	0.020	0.017	1	05/21/23 17:06	05/22/23 01:50	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.020</b> U	mg/kg	0.098	0.020	1	05/21/23 17:06	05/22/23 01:50	108-10-1	
Methyl-tert-butyl ether	<b>0.0059</b> U	mg/kg	0.020	0.0059	1	05/21/23 17:06	05/22/23 01:50	1634-04-4	
Styrene	<b>0.0098</b> U	mg/kg	0.020	0.0098	1	05/21/23 17:06	05/22/23 01:50	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.0024</b> U	mg/kg	0.020	0.0024	1	05/21/23 17:06	05/22/23 01:50	79-34-5	
Tetrachloroethene	<b>0.0047</b> U	mg/kg	0.020	0.0047	1	05/21/23 17:06	05/22/23 01:50	127-18-4	
Toluene	<b>0.0032</b> U	mg/kg	0.020	0.0032	1	05/21/23 17:06	05/22/23 01:50	108-88-3	
1,1,1-Trichloroethane	<b>0.0051</b> U	mg/kg	0.020	0.0051	1	05/21/23 17:06	05/22/23 01:50	71-55-6	
1,1,2-Trichloroethane	<b>0.0023</b> U	mg/kg	0.020	0.0023	1	05/21/23 17:06	05/22/23 01:50	79-00-5	
Trichloroethene	<b>0.0047</b> U	mg/kg	0.020	0.0047	1	05/21/23 17:06	05/22/23 01:50	79-01-6	
Trichlorofluoromethane	<b>0.0098</b> U	mg/kg	0.020	0.0098	1	05/21/23 17:06	05/22/23 01:50	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0043</b> U	mg/kg	0.020	0.0043	1	05/21/23 17:06	05/22/23 01:50	95-63-6	
Vinyl chloride	<b>0.0037</b> U	mg/kg	0.020	0.0037	1	05/21/23 17:06	05/22/23 01:50	75-01-4	
Xylene (Total)	<b>0.020</b> U	mg/kg	0.059	0.020	1	05/21/23 17:06	05/22/23 01:50	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	75	%	68-125		1	05/21/23 17:06	05/22/23 01:50	460-00-4	
Toluene-d8 (S)	89	%	70-130		1	05/21/23 17:06	05/22/23 01:50	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	94	%	70-130		1	05/21/23 17:06	05/22/23 01:50	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>60.6</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-4 (0.5-2) Lab ID: 35800552009 Collected: 05/17/23 12:46 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00064</b> U	mg/kg	0.0064	0.00064	1	05/19/23 09:16	05/25/23 15:58	309-00-2	P1
alpha-BHC	<b>0.00035</b> U	mg/kg	0.0064	0.00035	1	05/19/23 09:16	05/25/23 15:58	319-84-6	P1
beta-BHC	<b>0.00077</b> U	mg/kg	0.0064	0.00077	1	05/19/23 09:16	05/25/23 15:58	319-85-7	C2,P1
delta-BHC	<b>0.00033</b> U	mg/kg	0.0064	0.00033	1	05/19/23 09:16	05/25/23 15:58	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00018</b> U	mg/kg	0.0064	0.00018	1	05/19/23 09:16	05/25/23 15:58	58-89-9	P1
Chlordane (Technical)	<b>0.019</b> U	mg/kg	0.064	0.019	1	05/19/23 09:16	05/25/23 15:58	57-74-9	J(CU), P1
4,4'-DDD	<b>0.00029</b> U	mg/kg	0.0064	0.00029	1	05/19/23 09:16	05/25/23 15:58	72-54-8	P1
4,4'-DDE	<b>0.00025</b> U	mg/kg	0.0064	0.00025	1	05/19/23 09:16	05/25/23 15:58	72-55-9	P1
4,4'-DDT	<b>0.00038</b> U	mg/kg	0.0064	0.00038	1	05/19/23 09:16	05/25/23 15:58	50-29-3	P1
Dieldrin	<b>0.00024</b> U	mg/kg	0.0064	0.00024	1	05/19/23 09:16	05/25/23 15:58	60-57-1	P1
Endosulfan I	<b>0.00071</b> U	mg/kg	0.0064	0.00071	1	05/19/23 09:16	05/25/23 15:58	959-98-8	P1
Endosulfan II	<b>0.00029</b> U	mg/kg	0.0064	0.00029	1	05/19/23 09:16	05/25/23 15:58	33213-65-9	P1
Endosulfan sulfate	<b>0.00025</b> U	mg/kg	0.0064	0.00025	1	05/19/23 09:16	05/25/23 15:58	1031-07-8	P1
Endrin	<b>0.00040</b> U	mg/kg	0.0064	0.00040	1	05/19/23 09:16	05/25/23 15:58	72-20-8	P1
Endrin aldehyde	<b>0.00041</b> U	mg/kg	0.013	0.00041	1	05/19/23 09:16	05/25/23 15:58	7421-93-4	P1
Endrin ketone	<b>0.00030</b> U	mg/kg	0.0064	0.00030	1	05/19/23 09:16	05/25/23 15:58	53494-70-5	P1
Heptachlor	<b>0.00068</b> U	mg/kg	0.0064	0.00068	1	05/19/23 09:16	05/25/23 15:58	76-44-8	P1
Heptachlor epoxide	<b>0.00027</b> U	mg/kg	0.0064	0.00027	1	05/19/23 09:16	05/25/23 15:58	1024-57-3	P1
Methoxychlor	<b>0.00094</b> U	mg/kg	0.0064	0.00094	1	05/19/23 09:16	05/25/23 15:58	72-43-5	P1
Toxaphene	<b>0.028</b> U	mg/kg	0.064	0.028	1	05/19/23 09:16	05/25/23 15:58	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	91	%	53-140		1	05/19/23 09:16	05/25/23 15:58	877-09-8	
Decachlorobiphenyl (S)	49	%	43-157		1	05/19/23 09:16	05/25/23 15:58	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>16.8</b> U	mg/kg	19.5	16.8	1	05/20/23 08:48	05/20/23 20:52		P1
<b>Surrogates</b>									
o-Terphenyl (S)	94	%	66-136		1	05/20/23 08:48	05/20/23 20:52	84-15-1	
N-Pentatriacontane (S)	78	%	42-159		1	05/20/23 08:48	05/20/23 20:52	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.70</b> U	mg/kg	1.4	0.70	1	05/20/23 10:47	05/22/23 14:21	7440-36-0	
Arsenic	<b>0.61</b> I	mg/kg	0.93	0.46	1	05/20/23 10:47	05/22/23 14:21	7440-38-2	
Beryllium	<b>0.13</b>	mg/kg	0.093	0.016	1	05/20/23 10:47	05/22/23 14:21	7440-41-7	
Cadmium	<b>0.046</b> U	mg/kg	0.093	0.046	1	05/20/23 10:47	05/22/23 14:21	7440-43-9	
Chromium	<b>3.5</b>	mg/kg	0.46	0.23	1	05/20/23 10:47	05/22/23 14:21	7440-47-3	
Copper	<b>5.7</b>	mg/kg	0.46	0.23	1	05/20/23 10:47	05/22/23 14:21	7440-50-8	
Lead	<b>2.2</b>	mg/kg	0.93	0.46	1	05/20/23 10:47	05/22/23 14:21	7439-92-1	
Nickel	<b>2.8</b>	mg/kg	0.46	0.23	1	05/20/23 10:47	05/22/23 14:21	7440-02-0	
Selenium	<b>1.8</b>	mg/kg	1.4	0.70	1	05/20/23 10:47	05/22/23 14:21	7782-49-2	
Silver	<b>0.10</b> U	mg/kg	0.46	0.10	1	05/20/23 10:47	05/22/23 14:21	7440-22-4	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-4 (0.5-2) Lab ID: 35800552009 Collected: 05/17/23 12:46 Received: 05/18/23 11:27 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								
Thallium	<b>0.61</b> U	mg/kg	1.4	0.61	1	05/20/23 10:47	05/22/23 14:21	7440-28-0	
Zinc	<b>3.5</b> I	mg/kg	9.3	3.3	1	05/20/23 10:47	05/22/23 14:21	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.11</b>	mg/kg	0.018	0.0091	1	05/19/23 09:31	05/22/23 15:00	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.063</b> U	mg/kg	0.14	0.063	1	05/22/23 09:45	05/22/23 23:15	83-32-9	P1
Acenaphthylene	<b>0.021</b> U	mg/kg	0.13	0.021	1	05/22/23 09:45	05/22/23 23:15	208-96-8	P1
Anthracene	<b>0.018</b> U	mg/kg	0.14	0.018	1	05/22/23 09:45	05/22/23 23:15	120-12-7	P1
Benzo(a)anthracene	<b>0.018</b> U	mg/kg	0.13	0.018	1	05/22/23 09:45	05/22/23 23:15	56-55-3	P1
Benzo(a)pyrene	<b>0.033</b> U	mg/kg	0.13	0.033	1	05/22/23 09:45	05/22/23 23:15	50-32-8	P1
Benzo(b)fluoranthene	<b>0.035</b> U	mg/kg	0.13	0.035	1	05/22/23 09:45	05/22/23 23:15	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.033</b> U	mg/kg	0.13	0.033	1	05/22/23 09:45	05/22/23 23:15	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.035</b> U	mg/kg	0.13	0.035	1	05/22/23 09:45	05/22/23 23:15	207-08-9	P1
Chrysene	<b>0.018</b> U	mg/kg	0.13	0.018	1	05/22/23 09:45	05/22/23 23:15	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.031</b> U	mg/kg	0.13	0.031	1	05/22/23 09:45	05/22/23 23:15	53-70-3	P1
Fluoranthene	<b>0.043</b> U	mg/kg	0.13	0.043	1	05/22/23 09:45	05/22/23 23:15	206-44-0	P1
Fluorene	<b>0.047</b> U	mg/kg	0.15	0.047	1	05/22/23 09:45	05/22/23 23:15	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.030</b> U	mg/kg	0.13	0.030	1	05/22/23 09:45	05/22/23 23:15	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.022</b> U	mg/kg	0.16	0.022	1	05/22/23 09:45	05/22/23 23:15	90-12-0	P1
2-Methylnaphthalene	<b>0.021</b> U	mg/kg	0.15	0.021	1	05/22/23 09:45	05/22/23 23:15	91-57-6	P1
Naphthalene	<b>0.047</b> U	mg/kg	0.14	0.047	1	05/22/23 09:45	05/22/23 23:15	91-20-3	P1
Phenanthrene	<b>0.019</b> U	mg/kg	0.13	0.019	1	05/22/23 09:45	05/22/23 23:15	85-01-8	P1
Pyrene	<b>0.018</b> U	mg/kg	0.13	0.018	1	05/22/23 09:45	05/22/23 23:15	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	75	%	24-98		1	05/22/23 09:45	05/22/23 23:15	4165-60-0	
2-Fluorobiphenyl (S)	83	%	29-101		1	05/22/23 09:45	05/22/23 23:15	321-60-8	
p-Terphenyl-d14 (S)	85	%	29-112		1	05/22/23 09:45	05/22/23 23:15	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.14</b>	mg/kg	0.11	0.020	1	05/21/23 17:06	05/22/23 02:13	67-64-1	
Benzene	<b>0.0023</b> U	mg/kg	0.011	0.0023	1	05/21/23 17:06	05/22/23 02:13	71-43-2	
Bromochloromethane	<b>0.0017</b> U	mg/kg	0.011	0.0017	1	05/21/23 17:06	05/22/23 02:13	74-97-5	
Bromodichloromethane	<b>0.0025</b> U	mg/kg	0.011	0.0025	1	05/21/23 17:06	05/22/23 02:13	75-27-4	
Bromoform	<b>0.0025</b> U	mg/kg	0.011	0.0025	1	05/21/23 17:06	05/22/23 02:13	75-25-2	
Bromomethane	<b>0.0041</b> U	mg/kg	0.011	0.0041	1	05/21/23 17:06	05/22/23 02:13	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.20</b>	mg/kg	0.11	0.011	1	05/21/23 17:06	05/22/23 02:13	78-93-3	J(v3)
Carbon disulfide	<b>0.0056</b> U	mg/kg	0.011	0.0056	1	05/21/23 17:06	05/22/23 02:13	75-15-0	
Carbon tetrachloride	<b>0.0027</b> U	mg/kg	0.011	0.0027	1	05/21/23 17:06	05/22/23 02:13	56-23-5	
Chlorobenzene	<b>0.0021</b> U	mg/kg	0.011	0.0021	1	05/21/23 17:06	05/22/23 02:13	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-4 (0.5-2) Lab ID: 35800552009 Collected: 05/17/23 12:46 Received: 05/18/23 11:27 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								
Chloroethane	<b>0.0047</b> U	mg/kg	0.011	0.0047	1	05/21/23 17:06	05/22/23 02:13	75-00-3	J(v2)
Chloroform	<b>0.0019</b> U	mg/kg	0.011	0.0019	1	05/21/23 17:06	05/22/23 02:13	67-66-3	J(v2)
Chloromethane	<b>0.0020</b> U	mg/kg	0.011	0.0020	1	05/21/23 17:06	05/22/23 02:13	74-87-3	
Dibromochloromethane	<b>0.0020</b> U	mg/kg	0.011	0.0020	1	05/21/23 17:06	05/22/23 02:13	124-48-1	
Dibromomethane	<b>0.0016</b> U	mg/kg	0.011	0.0016	1	05/21/23 17:06	05/22/23 02:13	74-95-3	
1,2-Dichlorobenzene	<b>0.0017</b> U	mg/kg	0.011	0.0017	1	05/21/23 17:06	05/22/23 02:13	95-50-1	
1,3-Dichlorobenzene	<b>0.0021</b> U	mg/kg	0.011	0.0021	1	05/21/23 17:06	05/22/23 02:13	541-73-1	
1,4-Dichlorobenzene	<b>0.0015</b> U	mg/kg	0.011	0.0015	1	05/21/23 17:06	05/22/23 02:13	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0027</b> U	mg/kg	0.011	0.0027	1	05/21/23 17:06	05/22/23 02:13	110-57-6	
1,1-Dichloroethane	<b>0.0022</b> U	mg/kg	0.011	0.0022	1	05/21/23 17:06	05/22/23 02:13	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.0017</b> U	mg/kg	0.011	0.0017	1	05/21/23 17:06	05/22/23 02:13	107-06-2	
1,1-Dichloroethene	<b>0.0056</b> U	mg/kg	0.011	0.0056	1	05/21/23 17:06	05/22/23 02:13	75-35-4	
cis-1,2-Dichloroethene	<b>0.0025</b> U	mg/kg	0.011	0.0025	1	05/21/23 17:06	05/22/23 02:13	156-59-2	
trans-1,2-Dichloroethene	<b>0.0029</b> U	mg/kg	0.011	0.0029	1	05/21/23 17:06	05/22/23 02:13	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0021</b> U	mg/kg	0.011	0.0021	1	05/21/23 17:06	05/22/23 02:13	78-87-5	
1,3-Dichloropropene	<b>0.0056</b> U	mg/kg	0.011	0.0056	1	05/21/23 17:06	05/22/23 02:13	542-75-6	
Ethylbenzene	<b>0.0027</b> U	mg/kg	0.011	0.0027	1	05/21/23 17:06	05/22/23 02:13	100-41-4	
2-Hexanone	<b>0.011</b> U	mg/kg	0.056	0.011	1	05/21/23 17:06	05/22/23 02:13	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0029</b> U	mg/kg	0.011	0.0029	1	05/21/23 17:06	05/22/23 02:13	98-82-8	
Methylene Chloride	<b>0.0099</b> U	mg/kg	0.011	0.0099	1	05/21/23 17:06	05/22/23 02:13	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.011</b> U	mg/kg	0.056	0.011	1	05/21/23 17:06	05/22/23 02:13	108-10-1	
Methyl-tert-butyl ether	<b>0.0034</b> U	mg/kg	0.011	0.0034	1	05/21/23 17:06	05/22/23 02:13	1634-04-4	
Styrene	<b>0.0056</b> U	mg/kg	0.011	0.0056	1	05/21/23 17:06	05/22/23 02:13	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.0014</b> U	mg/kg	0.011	0.0014	1	05/21/23 17:06	05/22/23 02:13	79-34-5	
Tetrachloroethene	<b>0.0027</b> U	mg/kg	0.011	0.0027	1	05/21/23 17:06	05/22/23 02:13	127-18-4	
Toluene	<b>0.0018</b> U	mg/kg	0.011	0.0018	1	05/21/23 17:06	05/22/23 02:13	108-88-3	
1,1,1-Trichloroethane	<b>0.0029</b> U	mg/kg	0.011	0.0029	1	05/21/23 17:06	05/22/23 02:13	71-55-6	
1,1,2-Trichloroethane	<b>0.0013</b> U	mg/kg	0.011	0.0013	1	05/21/23 17:06	05/22/23 02:13	79-00-5	
Trichloroethene	<b>0.0027</b> U	mg/kg	0.011	0.0027	1	05/21/23 17:06	05/22/23 02:13	79-01-6	
Trichlorofluoromethane	<b>0.0056</b> U	mg/kg	0.011	0.0056	1	05/21/23 17:06	05/22/23 02:13	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0025</b> U	mg/kg	0.011	0.0025	1	05/21/23 17:06	05/22/23 02:13	95-63-6	
Vinyl chloride	<b>0.0021</b> U	mg/kg	0.011	0.0021	1	05/21/23 17:06	05/22/23 02:13	75-01-4	
Xylene (Total)	<b>0.012</b> U	mg/kg	0.034	0.012	1	05/21/23 17:06	05/22/23 02:13	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	76	%	68-125		1	05/21/23 17:06	05/22/23 02:13	460-00-4	
Toluene-d8 (S)	92	%	70-130		1	05/21/23 17:06	05/22/23 02:13	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1	05/21/23 17:06	05/22/23 02:13	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>49.4</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-5 (0-0.5) Lab ID: 35800552010 Collected: 05/17/23 13:10 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.0013 U</b>	mg/kg	0.013	0.0013	1	05/19/23 09:16	05/25/23 16:11	309-00-2	P1
alpha-BHC	<b>0.00069 U</b>	mg/kg	0.013	0.00069	1	05/19/23 09:16	05/25/23 16:11	319-84-6	P1
beta-BHC	<b>0.0015 U</b>	mg/kg	0.013	0.0015	1	05/19/23 09:16	05/25/23 16:11	319-85-7	P1
delta-BHC	<b>0.00065 U</b>	mg/kg	0.013	0.00065	1	05/19/23 09:16	05/25/23 16:11	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00037 U</b>	mg/kg	0.013	0.00037	1	05/19/23 09:16	05/25/23 16:11	58-89-9	P1
Chlordane (Technical)	<b>0.038 U</b>	mg/kg	0.13	0.038	1	05/19/23 09:16	05/25/23 16:11	57-74-9	J(CU), P1
4,4'-DDD	<b>0.00057 U</b>	mg/kg	0.013	0.00057	1	05/19/23 09:16	05/25/23 16:11	72-54-8	P1
4,4'-DDE	<b>0.00050 U</b>	mg/kg	0.013	0.00050	1	05/19/23 09:16	05/25/23 16:11	72-55-9	P1
4,4'-DDT	<b>0.00076 U</b>	mg/kg	0.013	0.00076	1	05/19/23 09:16	05/25/23 16:11	50-29-3	P1
Dieldrin	<b>0.00049 U</b>	mg/kg	0.013	0.00049	1	05/19/23 09:16	05/25/23 16:11	60-57-1	P1
Endosulfan I	<b>0.0014 U</b>	mg/kg	0.013	0.0014	1	05/19/23 09:16	05/25/23 16:11	959-98-8	P1
Endosulfan II	<b>0.00057 U</b>	mg/kg	0.013	0.00057	1	05/19/23 09:16	05/25/23 16:11	33213-65-9	P1
Endosulfan sulfate	<b>0.00050 U</b>	mg/kg	0.013	0.00050	1	05/19/23 09:16	05/25/23 16:11	1031-07-8	P1
Endrin	<b>0.00080 U</b>	mg/kg	0.013	0.00080	1	05/19/23 09:16	05/25/23 16:11	72-20-8	P1
Endrin aldehyde	<b>0.00082 U</b>	mg/kg	0.025	0.00082	1	05/19/23 09:16	05/25/23 16:11	7421-93-4	P1
Endrin ketone	<b>0.00059 U</b>	mg/kg	0.013	0.00059	1	05/19/23 09:16	05/25/23 16:11	53494-70-5	P1
Heptachlor	<b>0.0013 U</b>	mg/kg	0.013	0.0013	1	05/19/23 09:16	05/25/23 16:11	76-44-8	P1
Heptachlor epoxide	<b>0.00054 U</b>	mg/kg	0.013	0.00054	1	05/19/23 09:16	05/25/23 16:11	1024-57-3	P1
Methoxychlor	<b>0.0019 U</b>	mg/kg	0.013	0.0019	1	05/19/23 09:16	05/25/23 16:11	72-43-5	P1
Toxaphene	<b>0.055 U</b>	mg/kg	0.13	0.055	1	05/19/23 09:16	05/25/23 16:11	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	87	%	53-140		1	05/19/23 09:16	05/25/23 16:11	877-09-8	
Decachlorobiphenyl (S)	77	%	43-157		1	05/19/23 09:16	05/25/23 16:11	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>7.1 U</b>	mg/kg	8.2	7.1	1	05/20/23 08:48	05/20/23 21:07		
<b>Surrogates</b>									
o-Terphenyl (S)	93	%	66-136		1	05/20/23 08:48	05/20/23 21:07	84-15-1	
N-Pentatriacontane (S)	78	%	42-159		1	05/20/23 08:48	05/20/23 21:07	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.54 U</b>	mg/kg	1.1	0.54	1	05/20/23 10:47	05/22/23 14:24	7440-36-0	
Arsenic	<b>0.36 U</b>	mg/kg	0.72	0.36	1	05/20/23 10:47	05/22/23 14:24	7440-38-2	
Beryllium	<b>0.034 I</b>	mg/kg	0.072	0.013	1	05/20/23 10:47	05/22/23 14:24	7440-41-7	
Cadmium	<b>0.036 U</b>	mg/kg	0.072	0.036	1	05/20/23 10:47	05/22/23 14:24	7440-43-9	
Chromium	<b>1.9</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 14:24	7440-47-3	
Copper	<b>0.63</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 14:24	7440-50-8	
Lead	<b>3.3</b>	mg/kg	0.72	0.36	1	05/20/23 10:47	05/22/23 14:24	7439-92-1	
Nickel	<b>0.42</b>	mg/kg	0.36	0.18	1	05/20/23 10:47	05/22/23 14:24	7440-02-0	
Selenium	<b>0.54 U</b>	mg/kg	1.1	0.54	1	05/20/23 10:47	05/22/23 14:24	7782-49-2	
Silver	<b>0.079 U</b>	mg/kg	0.36	0.079	1	05/20/23 10:47	05/22/23 14:24	7440-22-4	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-5 (0-0.5) Lab ID: 35800552010 Collected: 05/17/23 13:10 Received: 05/18/23 11:27 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								
Thallium	<b>0.47</b> U	mg/kg	1.1	0.47	1	05/20/23 10:47	05/22/23 14:24	7440-28-0	
Zinc	<b>2.6</b> U	mg/kg	7.2	2.6	1	05/20/23 10:47	05/22/23 14:24	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.019</b>	mg/kg	0.010	0.0052	1	05/19/23 09:31	05/22/23 15:02	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.022</b> U	mg/kg	0.049	0.022	1	05/22/23 09:45	05/22/23 23:40	83-32-9	
Acenaphthylene	<b>0.0072</b> U	mg/kg	0.046	0.0072	1	05/22/23 09:45	05/22/23 23:40	208-96-8	
Anthracene	<b>0.0063</b> U	mg/kg	0.049	0.0063	1	05/22/23 09:45	05/22/23 23:40	120-12-7	
Benzo(a)anthracene	<b>0.0061</b> U	mg/kg	0.046	0.0061	1	05/22/23 09:45	05/22/23 23:40	56-55-3	
Benzo(a)pyrene	<b>0.011</b> U	mg/kg	0.046	0.011	1	05/22/23 09:45	05/22/23 23:40	50-32-8	
Benzo(b)fluoranthene	<b>0.012</b> U	mg/kg	0.046	0.012	1	05/22/23 09:45	05/22/23 23:40	205-99-2	
Benzo(g,h,i)perylene	<b>0.012</b> U	mg/kg	0.046	0.012	1	05/22/23 09:45	05/22/23 23:40	191-24-2	J(v2)
Benzo(k)fluoranthene	<b>0.012</b> U	mg/kg	0.046	0.012	1	05/22/23 09:45	05/22/23 23:40	207-08-9	
Chrysene	<b>0.0061</b> U	mg/kg	0.046	0.0061	1	05/22/23 09:45	05/22/23 23:40	218-01-9	
Dibenz(a,h)anthracene	<b>0.011</b> U	mg/kg	0.046	0.011	1	05/22/23 09:45	05/22/23 23:40	53-70-3	
Fluoranthene	<b>0.015</b> U	mg/kg	0.046	0.015	1	05/22/23 09:45	05/22/23 23:40	206-44-0	
Fluorene	<b>0.016</b> U	mg/kg	0.051	0.016	1	05/22/23 09:45	05/22/23 23:40	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.011</b> U	mg/kg	0.046	0.011	1	05/22/23 09:45	05/22/23 23:40	193-39-5	J(v2)
1-Methylnaphthalene	<b>0.0076</b> U	mg/kg	0.055	0.0076	1	05/22/23 09:45	05/22/23 23:40	90-12-0	
2-Methylnaphthalene	<b>0.0072</b> U	mg/kg	0.053	0.0072	1	05/22/23 09:45	05/22/23 23:40	91-57-6	
Naphthalene	<b>0.016</b> U	mg/kg	0.048	0.016	1	05/22/23 09:45	05/22/23 23:40	91-20-3	
Phenanthrene	<b>0.0066</b> U	mg/kg	0.046	0.0066	1	05/22/23 09:45	05/22/23 23:40	85-01-8	
Pyrene	<b>0.0061</b> U	mg/kg	0.046	0.0061	1	05/22/23 09:45	05/22/23 23:40	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	73	%	24-98		1	05/22/23 09:45	05/22/23 23:40	4165-60-0	
2-Fluorobiphenyl (S)	84	%	29-101		1	05/22/23 09:45	05/22/23 23:40	321-60-8	
p-Terphenyl-d14 (S)	87	%	29-112		1	05/22/23 09:45	05/22/23 23:40	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.012</b> U	mg/kg	0.068	0.012	1	05/21/23 17:06	05/22/23 02:36	67-64-1	
Benzene	<b>0.0014</b> U	mg/kg	0.0068	0.0014	1	05/21/23 17:06	05/22/23 02:36	71-43-2	
Bromochloromethane	<b>0.0010</b> U	mg/kg	0.0068	0.0010	1	05/21/23 17:06	05/22/23 02:36	74-97-5	
Bromodichloromethane	<b>0.0015</b> U	mg/kg	0.0068	0.0015	1	05/21/23 17:06	05/22/23 02:36	75-27-4	
Bromoform	<b>0.0015</b> U	mg/kg	0.0068	0.0015	1	05/21/23 17:06	05/22/23 02:36	75-25-2	
Bromomethane	<b>0.0025</b> U	mg/kg	0.0068	0.0025	1	05/21/23 17:06	05/22/23 02:36	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0068</b> U	mg/kg	0.068	0.0068	1	05/21/23 17:06	05/22/23 02:36	78-93-3	J(v2)
Carbon disulfide	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/21/23 17:06	05/22/23 02:36	75-15-0	
Carbon tetrachloride	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/21/23 17:06	05/22/23 02:36	56-23-5	
Chlorobenzene	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/21/23 17:06	05/22/23 02:36	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-5 (0-0.5) Lab ID: 35800552010 Collected: 05/17/23 13:10 Received: 05/18/23 11:27 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								
Chloroethane	<b>0.0029</b> U	mg/kg	0.0068	0.0029	1	05/21/23 17:06	05/22/23 02:36	75-00-3	J(v2)
Chloroform	<b>0.0011</b> U	mg/kg	0.0068	0.0011	1	05/21/23 17:06	05/22/23 02:36	67-66-3	J(v2)
Chloromethane	<b>0.0012</b> U	mg/kg	0.0068	0.0012	1	05/21/23 17:06	05/22/23 02:36	74-87-3	
Dibromochloromethane	<b>0.0012</b> U	mg/kg	0.0068	0.0012	1	05/21/23 17:06	05/22/23 02:36	124-48-1	
Dibromomethane	<b>0.00097</b> U	mg/kg	0.0068	0.00097	1	05/21/23 17:06	05/22/23 02:36	74-95-3	
1,2-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0068	0.0010	1	05/21/23 17:06	05/22/23 02:36	95-50-1	
1,3-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0068	0.0012	1	05/21/23 17:06	05/22/23 02:36	541-73-1	
1,4-Dichlorobenzene	<b>0.00091</b> U	mg/kg	0.0068	0.00091	1	05/21/23 17:06	05/22/23 02:36	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/21/23 17:06	05/22/23 02:36	110-57-6	
1,1-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/21/23 17:06	05/22/23 02:36	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0068	0.0010	1	05/21/23 17:06	05/22/23 02:36	107-06-2	
1,1-Dichloroethylene	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/21/23 17:06	05/22/23 02:36	75-35-4	
cis-1,2-Dichloroethylene	<b>0.0015</b> U	mg/kg	0.0068	0.0015	1	05/21/23 17:06	05/22/23 02:36	156-59-2	
trans-1,2-Dichloroethylene	<b>0.0018</b> U	mg/kg	0.0068	0.0018	1	05/21/23 17:06	05/22/23 02:36	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/21/23 17:06	05/22/23 02:36	78-87-5	
1,3-Dichloropropene	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/21/23 17:06	05/22/23 02:36	542-75-6	
Ethylbenzene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/21/23 17:06	05/22/23 02:36	100-41-4	
2-Hexanone	<b>0.0068</b> U	mg/kg	0.034	0.0068	1	05/21/23 17:06	05/22/23 02:36	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0018</b> U	mg/kg	0.0068	0.0018	1	05/21/23 17:06	05/22/23 02:36	98-82-8	
Methylene Chloride	<b>0.0060</b> U	mg/kg	0.0068	0.0060	1	05/21/23 17:06	05/22/23 02:36	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0068</b> U	mg/kg	0.034	0.0068	1	05/21/23 17:06	05/22/23 02:36	108-10-1	
Methyl-tert-butyl ether	<b>0.0020</b> U	mg/kg	0.0068	0.0020	1	05/21/23 17:06	05/22/23 02:36	1634-04-4	
Styrene	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/21/23 17:06	05/22/23 02:36	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00083</b> U	mg/kg	0.0068	0.00083	1	05/21/23 17:06	05/22/23 02:36	79-34-5	
Tetrachloroethene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/21/23 17:06	05/22/23 02:36	127-18-4	
Toluene	<b>0.0011</b> U	mg/kg	0.0068	0.0011	1	05/21/23 17:06	05/22/23 02:36	108-88-3	
1,1,1-Trichloroethane	<b>0.0018</b> U	mg/kg	0.0068	0.0018	1	05/21/23 17:06	05/22/23 02:36	71-55-6	
1,1,2-Trichloroethane	<b>0.00080</b> U	mg/kg	0.0068	0.00080	1	05/21/23 17:06	05/22/23 02:36	79-00-5	
Trichloroethene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/21/23 17:06	05/22/23 02:36	79-01-6	
Trichlorofluoromethane	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/21/23 17:06	05/22/23 02:36	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0015</b> U	mg/kg	0.0068	0.0015	1	05/21/23 17:06	05/22/23 02:36	95-63-6	
Vinyl chloride	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/21/23 17:06	05/22/23 02:36	75-01-4	
Xylene (Total)	<b>0.0070</b> U	mg/kg	0.020	0.0070	1	05/21/23 17:06	05/22/23 02:36	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	68-125		1	05/21/23 17:06	05/22/23 02:36	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	05/21/23 17:06	05/22/23 02:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1	05/21/23 17:06	05/22/23 02:36	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>27.3</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-5 (0.5-2) Lab ID: 35800552011 Collected: 05/17/23 13:14 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00020</b> U	mg/kg	0.0020	0.00020	1	05/19/23 09:16	05/25/23 16:24	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0020	0.00011	1	05/19/23 09:16	05/25/23 16:24	319-84-6	
beta-BHC	<b>0.00024</b> U	mg/kg	0.0020	0.00024	1	05/19/23 09:16	05/25/23 16:24	319-85-7	
delta-BHC	<b>0.00010</b> U	mg/kg	0.0020	0.00010	1	05/19/23 09:16	05/25/23 16:24	319-86-8	
gamma-BHC (Lindane)	<b>0.000058</b> U	mg/kg	0.0020	0.000058	1	05/19/23 09:16	05/25/23 16:24	58-89-9	
Chlordane (Technical)	<b>0.0060</b> U	mg/kg	0.020	0.0060	1	05/19/23 09:16	05/25/23 16:24	57-74-9	J(CU)
4,4'-DDD	<b>0.000090</b> U	mg/kg	0.0020	0.000090	1	05/19/23 09:16	05/25/23 16:24	72-54-8	
4,4'-DDE	<b>0.000079</b> U	mg/kg	0.0020	0.000079	1	05/19/23 09:16	05/25/23 16:24	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0020	0.00012	1	05/19/23 09:16	05/25/23 16:24	50-29-3	
Dieldrin	<b>0.000077</b> U	mg/kg	0.0020	0.000077	1	05/19/23 09:16	05/25/23 16:24	60-57-1	
Endosulfan I	<b>0.00022</b> U	mg/kg	0.0020	0.00022	1	05/19/23 09:16	05/25/23 16:24	959-98-8	
Endosulfan II	<b>0.000090</b> U	mg/kg	0.0020	0.000090	1	05/19/23 09:16	05/25/23 16:24	33213-65-9	
Endosulfan sulfate	<b>0.000079</b> U	mg/kg	0.0020	0.000079	1	05/19/23 09:16	05/25/23 16:24	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0020	0.00013	1	05/19/23 09:16	05/25/23 16:24	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0040	0.00013	1	05/19/23 09:16	05/25/23 16:24	7421-93-4	
Endrin ketone	<b>0.000093</b> U	mg/kg	0.0020	0.000093	1	05/19/23 09:16	05/25/23 16:24	53494-70-5	
Heptachlor	<b>0.00021</b> U	mg/kg	0.0020	0.00021	1	05/19/23 09:16	05/25/23 16:24	76-44-8	
Heptachlor epoxide	<b>0.000086</b> U	mg/kg	0.0020	0.000086	1	05/19/23 09:16	05/25/23 16:24	1024-57-3	
Methoxychlor	<b>0.00030</b> U	mg/kg	0.0020	0.00030	1	05/19/23 09:16	05/25/23 16:24	72-43-5	
Toxaphene	<b>0.0087</b> U	mg/kg	0.020	0.0087	1	05/19/23 09:16	05/25/23 16:24	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	91	%	53-140		1	05/19/23 09:16	05/25/23 16:24	877-09-8	
Decachlorobiphenyl (S)	61	%	43-157		1	05/19/23 09:16	05/25/23 16:24	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>10</b> U	mg/kg	11.6	10	1	05/20/23 08:48	05/20/23 21:23		P1
<b>Surrogates</b>									
o-Terphenyl (S)	108	%	66-136		1	05/20/23 08:48	05/20/23 21:23	84-15-1	
N-Pentatriacontane (S)	84	%	42-159		1	05/20/23 08:48	05/20/23 21:23	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.50</b> U	mg/kg	1.0	0.50	1	05/20/23 10:47	05/22/23 14:28	7440-36-0	
Arsenic	<b>0.33</b> U	mg/kg	0.67	0.33	1	05/20/23 10:47	05/22/23 14:28	7440-38-2	
Beryllium	<b>0.028</b> I	mg/kg	0.067	0.012	1	05/20/23 10:47	05/22/23 14:28	7440-41-7	
Cadmium	<b>0.033</b> U	mg/kg	0.067	0.033	1	05/20/23 10:47	05/22/23 14:28	7440-43-9	
Chromium	<b>0.91</b>	mg/kg	0.33	0.17	1	05/20/23 10:47	05/22/23 14:28	7440-47-3	
Copper	<b>0.17</b> U	mg/kg	0.33	0.17	1	05/20/23 10:47	05/22/23 14:28	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-5 (0.5-2) Lab ID: 35800552011 Collected: 05/17/23 13:14 Received: 05/18/23 11:27 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								
Lead	<b>0.78</b>	mg/kg	0.67	0.33	1	05/20/23 10:47	05/22/23 14:28	7439-92-1	
Nickel	<b>0.17 U</b>	mg/kg	0.33	0.17	1	05/20/23 10:47	05/22/23 14:28	7440-02-0	
Selenium	<b>0.50 U</b>	mg/kg	1.0	0.50	1	05/20/23 10:47	05/22/23 14:28	7782-49-2	
Silver	<b>0.073 U</b>	mg/kg	0.33	0.073	1	05/20/23 10:47	05/22/23 14:28	7440-22-4	
Thallium	<b>0.44 U</b>	mg/kg	1.0	0.44	1	05/20/23 10:47	05/22/23 14:28	7440-28-0	
Zinc	<b>2.4 U</b>	mg/kg	6.7	2.4	1	05/20/23 10:47	05/22/23 14:28	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.0065 I</b>	mg/kg	0.0093	0.0046	1	05/19/23 09:31	05/22/23 15:04	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.037 U</b>	mg/kg	0.084	0.037	1	05/22/23 09:45	05/23/23 00:05	83-32-9	P1
Acenaphthylene	<b>0.012 U</b>	mg/kg	0.079	0.012	1	05/22/23 09:45	05/23/23 00:05	208-96-8	P1
Anthracene	<b>0.011 U</b>	mg/kg	0.084	0.011	1	05/22/23 09:45	05/23/23 00:05	120-12-7	P1
Benzo(a)anthracene	<b>0.010 U</b>	mg/kg	0.079	0.010	1	05/22/23 09:45	05/23/23 00:05	56-55-3	P1
Benzo(a)pyrene	<b>0.020 U</b>	mg/kg	0.079	0.020	1	05/22/23 09:45	05/23/23 00:05	50-32-8	P1
Benzo(b)fluoranthene	<b>0.021 U</b>	mg/kg	0.079	0.021	1	05/22/23 09:45	05/23/23 00:05	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.020 U</b>	mg/kg	0.079	0.020	1	05/22/23 09:45	05/23/23 00:05	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.021 U</b>	mg/kg	0.079	0.021	1	05/22/23 09:45	05/23/23 00:05	207-08-9	P1
Chrysene	<b>0.010 U</b>	mg/kg	0.079	0.010	1	05/22/23 09:45	05/23/23 00:05	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.018 U</b>	mg/kg	0.079	0.018	1	05/22/23 09:45	05/23/23 00:05	53-70-3	P1
Fluoranthene	<b>0.026 U</b>	mg/kg	0.079	0.026	1	05/22/23 09:45	05/23/23 00:05	206-44-0	P1
Fluorene	<b>0.028 U</b>	mg/kg	0.086	0.028	1	05/22/23 09:45	05/23/23 00:05	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.018 U</b>	mg/kg	0.079	0.018	1	05/22/23 09:45	05/23/23 00:05	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.013 U</b>	mg/kg	0.093	0.013	1	05/22/23 09:45	05/23/23 00:05	90-12-0	P1
2-Methylnaphthalene	<b>0.012 U</b>	mg/kg	0.091	0.012	1	05/22/23 09:45	05/23/23 00:05	91-57-6	P1
Naphthalene	<b>0.028 U</b>	mg/kg	0.082	0.028	1	05/22/23 09:45	05/23/23 00:05	91-20-3	P1
Phenanthrene	<b>0.011 U</b>	mg/kg	0.079	0.011	1	05/22/23 09:45	05/23/23 00:05	85-01-8	P1
Pyrene	<b>0.010 U</b>	mg/kg	0.079	0.010	1	05/22/23 09:45	05/23/23 00:05	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	71	%	24-98		1	05/22/23 09:45	05/23/23 00:05	4165-60-0	
2-Fluorobiphenyl (S)	78	%	29-101		1	05/22/23 09:45	05/23/23 00:05	321-60-8	
p-Terphenyl-d14 (S)	83	%	29-112		1	05/22/23 09:45	05/23/23 00:05	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.0095 U</b>	mg/kg	0.053	0.0095	1	05/21/23 17:06	05/22/23 02:59	67-64-1	
Benzene	<b>0.0011 U</b>	mg/kg	0.0053	0.0011	1	05/21/23 17:06	05/22/23 02:59	71-43-2	
Bromochloromethane	<b>0.00079 U</b>	mg/kg	0.0053	0.00079	1	05/21/23 17:06	05/22/23 02:59	74-97-5	
Bromodichloromethane	<b>0.0012 U</b>	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 02:59	75-27-4	
Bromoform	<b>0.0012 U</b>	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 02:59	75-25-2	
Bromomethane	<b>0.0019 U</b>	mg/kg	0.0053	0.0019	1	05/21/23 17:06	05/22/23 02:59	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-5 (0.5-2) Lab ID: 35800552011 Collected: 05/17/23 13:14 Received: 05/18/23 11:27 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							
2-Butanone (MEK)	<b>0.0053</b> U	mg/kg	0.053	0.0053	1	05/21/23 17:06	05/22/23 02:59	78-93-3	J(v2)
Carbon disulfide	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 02:59	75-15-0	
Carbon tetrachloride	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 02:59	56-23-5	
Chlorobenzene	<b>0.00099</b> U	mg/kg	0.0053	0.00099	1	05/21/23 17:06	05/22/23 02:59	108-90-7	
Chloroethane	<b>0.0022</b> U	mg/kg	0.0053	0.0022	1	05/21/23 17:06	05/22/23 02:59	75-00-3	J(v2)
Chloroform	<b>0.00089</b> U	mg/kg	0.0053	0.00089	1	05/21/23 17:06	05/22/23 02:59	67-66-3	J(v2)
Chloromethane	<b>0.00095</b> U	mg/kg	0.0053	0.00095	1	05/21/23 17:06	05/22/23 02:59	74-87-3	
Dibromochloromethane	<b>0.00093</b> U	mg/kg	0.0053	0.00093	1	05/21/23 17:06	05/22/23 02:59	124-48-1	
Dibromomethane	<b>0.00076</b> U	mg/kg	0.0053	0.00076	1	05/21/23 17:06	05/22/23 02:59	74-95-3	
1,2-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0053	0.00081	1	05/21/23 17:06	05/22/23 02:59	95-50-1	
1,3-Dichlorobenzene	<b>0.00097</b> U	mg/kg	0.0053	0.00097	1	05/21/23 17:06	05/22/23 02:59	541-73-1	
1,4-Dichlorobenzene	<b>0.00071</b> U	mg/kg	0.0053	0.00071	1	05/21/23 17:06	05/22/23 02:59	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 02:59	110-57-6	
1,1-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0053	0.0010	1	05/21/23 17:06	05/22/23 02:59	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00082</b> U	mg/kg	0.0053	0.00082	1	05/21/23 17:06	05/22/23 02:59	107-06-2	
1,1-Dichloroethene	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 02:59	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 02:59	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/21/23 17:06	05/22/23 02:59	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.00098</b> U	mg/kg	0.0053	0.00098	1	05/21/23 17:06	05/22/23 02:59	78-87-5	
1,3-Dichloropropene	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 02:59	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 02:59	100-41-4	
2-Hexanone	<b>0.0053</b> U	mg/kg	0.027	0.0053	1	05/21/23 17:06	05/22/23 02:59	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/21/23 17:06	05/22/23 02:59	98-82-8	
Methylene Chloride	<b>0.0047</b> U	mg/kg	0.0053	0.0047	1	05/21/23 17:06	05/22/23 02:59	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0053</b> U	mg/kg	0.027	0.0053	1	05/21/23 17:06	05/22/23 02:59	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0053	0.0016	1	05/21/23 17:06	05/22/23 02:59	1634-04-4	
Styrene	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 02:59	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00065</b> U	mg/kg	0.0053	0.00065	1	05/21/23 17:06	05/22/23 02:59	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 02:59	127-18-4	
Toluene	<b>0.00086</b> U	mg/kg	0.0053	0.00086	1	05/21/23 17:06	05/22/23 02:59	108-88-3	
1,1,1-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/21/23 17:06	05/22/23 02:59	71-55-6	
1,1,2-Trichloroethane	<b>0.00063</b> U	mg/kg	0.0053	0.00063	1	05/21/23 17:06	05/22/23 02:59	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/21/23 17:06	05/22/23 02:59	79-01-6	
Trichlorofluoromethane	<b>0.0027</b> U	mg/kg	0.0053	0.0027	1	05/21/23 17:06	05/22/23 02:59	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/21/23 17:06	05/22/23 02:59	95-63-6	
Vinyl chloride	<b>0.00099</b> U	mg/kg	0.0053	0.00099	1	05/21/23 17:06	05/22/23 02:59	75-01-4	
Xylene (Total)	<b>0.0055</b> U	mg/kg	0.016	0.0055	1	05/21/23 17:06	05/22/23 02:59	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	68-125		1	05/21/23 17:06	05/22/23 02:59	460-00-4	
Toluene-d8 (S)	98	%	70-130		1	05/21/23 17:06	05/22/23 02:59	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1	05/21/23 17:06	05/22/23 02:59	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-5 (0.5-2) Lab ID: 35800552011 Collected: 05/17/23 13:14 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>15.4</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-8 (0-0.5) Lab ID: 35800552012 Collected: 05/17/23 14:10 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00020</b> U	mg/kg	0.0020	0.00020	1	05/19/23 09:16	05/25/23 16:38	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0020	0.00011	1	05/19/23 09:16	05/25/23 16:38	319-84-6	
beta-BHC	<b>0.00024</b> U	mg/kg	0.0020	0.00024	1	05/19/23 09:16	05/25/23 16:38	319-85-7	
delta-BHC	<b>0.00010</b> U	mg/kg	0.0020	0.00010	1	05/19/23 09:16	05/25/23 16:38	319-86-8	
gamma-BHC (Lindane)	<b>0.000079</b> I	mg/kg	0.0020	0.000057	1	05/19/23 09:16	05/25/23 16:38	58-89-9	C2
Chlordane (Technical)	<b>0.0060</b> U	mg/kg	0.020	0.0060	1	05/19/23 09:16	05/25/23 16:38	57-74-9	J(CU)
4,4'-DDD	<b>0.000089</b> U	mg/kg	0.0020	0.000089	1	05/19/23 09:16	05/25/23 16:38	72-54-8	
4,4'-DDE	<b>0.000078</b> U	mg/kg	0.0020	0.000078	1	05/19/23 09:16	05/25/23 16:38	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0020	0.00012	1	05/19/23 09:16	05/25/23 16:38	50-29-3	
Dieldrin	<b>0.000076</b> U	mg/kg	0.0020	0.000076	1	05/19/23 09:16	05/25/23 16:38	60-57-1	
Endosulfan I	<b>0.00022</b> U	mg/kg	0.0020	0.00022	1	05/19/23 09:16	05/25/23 16:38	959-98-8	
Endosulfan II	<b>0.000089</b> U	mg/kg	0.0020	0.000089	1	05/19/23 09:16	05/25/23 16:38	33213-65-9	
Endosulfan sulfate	<b>0.000078</b> U	mg/kg	0.0020	0.000078	1	05/19/23 09:16	05/25/23 16:38	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0020	0.00013	1	05/19/23 09:16	05/25/23 16:38	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0040	0.00013	1	05/19/23 09:16	05/25/23 16:38	7421-93-4	
Endrin ketone	<b>0.000092</b> U	mg/kg	0.0020	0.000092	1	05/19/23 09:16	05/25/23 16:38	53494-70-5	
Heptachlor	<b>0.00021</b> U	mg/kg	0.0020	0.00021	1	05/19/23 09:16	05/25/23 16:38	76-44-8	
Heptachlor epoxide	<b>0.000085</b> U	mg/kg	0.0020	0.000085	1	05/19/23 09:16	05/25/23 16:38	1024-57-3	
Methoxychlor	<b>0.00029</b> U	mg/kg	0.0020	0.00029	1	05/19/23 09:16	05/25/23 16:38	72-43-5	
Toxaphene	<b>0.0086</b> U	mg/kg	0.020	0.0086	1	05/19/23 09:16	05/25/23 16:38	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	87	%	53-140		1	05/19/23 09:16	05/25/23 16:38	877-09-8	
Decachlorobiphenyl (S)	45	%	43-157		1	05/19/23 09:16	05/25/23 16:38	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>6.0</b> U	mg/kg	7.0	6.0	1	05/20/23 08:48	05/20/23 21:38		
<b>Surrogates</b>									
o-Terphenyl (S)	97	%	66-136		1	05/20/23 08:48	05/20/23 21:38	84-15-1	
N-Pentatriacontane (S)	72	%	42-159		1	05/20/23 08:48	05/20/23 21:38	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.0</b> U	mg/kg	4.0	2.0	5	05/20/23 10:47	05/23/23 04:04	7440-36-0	D3
Arsenic	<b>7.3</b>	mg/kg	2.7	1.3	5	05/20/23 10:47	05/23/23 04:04	7440-38-2	
Beryllium	<b>0.46</b>	mg/kg	0.27	0.047	5	05/20/23 10:47	05/23/23 04:04	7440-41-7	
Cadmium	<b>0.19</b> I	mg/kg	0.27	0.13	5	05/20/23 10:47	05/23/23 04:04	7440-43-9	
Chromium	<b>17.0</b>	mg/kg	1.3	0.67	5	05/20/23 10:47	05/23/23 04:04	7440-47-3	
Copper	<b>2.0</b>	mg/kg	1.3	0.67	5	05/20/23 10:47	05/23/23 04:04	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

**Sample: SB-8 (0-0.5)**      Lab ID: **35800552012**      Collected: 05/17/23 14:10      Received: 05/18/23 11:27      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								
Lead	<b>3.6</b>	mg/kg	2.7	1.3	5	05/20/23 10:47	05/23/23 04:04	7439-92-1	
Nickel	<b>6.6</b>	mg/kg	1.3	0.67	5	05/20/23 10:47	05/23/23 04:04	7440-02-0	
Selenium	<b>2.0 U</b>	mg/kg	4.0	2.0	5	05/20/23 10:47	05/23/23 04:04	7782-49-2	D3
Silver	<b>0.30 U</b>	mg/kg	1.3	0.30	5	05/20/23 10:47	05/23/23 04:04	7440-22-4	D3
Thallium	<b>1.8 U</b>	mg/kg	4.0	1.8	5	05/20/23 10:47	05/23/23 04:04	7440-28-0	D3
Zinc	<b>9.7 U</b>	mg/kg	26.8	9.7	5	05/20/23 10:47	05/23/23 04:04	7440-66-6	D3
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.018</b>	mg/kg	0.0081	0.0040	1	05/19/23 09:31	05/22/23 15:07	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.036 U</b>	mg/kg	0.080	0.036	1	05/22/23 09:45	05/23/23 00:30	83-32-9	P1
Acenaphthylene	<b>0.012 U</b>	mg/kg	0.076	0.012	1	05/22/23 09:45	05/23/23 00:30	208-96-8	P1
Anthracene	<b>0.010 U</b>	mg/kg	0.080	0.010	1	05/22/23 09:45	05/23/23 00:30	120-12-7	P1
Benzo(a)anthracene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/22/23 09:45	05/23/23 00:30	56-55-3	P1
Benzo(a)pyrene	<b>0.019 U</b>	mg/kg	0.076	0.019	1	05/22/23 09:45	05/23/23 00:30	50-32-8	P1
Benzo(b)fluoranthene	<b>0.020 U</b>	mg/kg	0.076	0.020	1	05/22/23 09:45	05/23/23 00:30	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.019 U</b>	mg/kg	0.076	0.019	1	05/22/23 09:45	05/23/23 00:30	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.020 U</b>	mg/kg	0.076	0.020	1	05/22/23 09:45	05/23/23 00:30	207-08-9	P1
Chrysene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/22/23 09:45	05/23/23 00:30	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.017 U</b>	mg/kg	0.076	0.017	1	05/22/23 09:45	05/23/23 00:30	53-70-3	P1
Fluoranthene	<b>0.024 U</b>	mg/kg	0.076	0.024	1	05/22/23 09:45	05/23/23 00:30	206-44-0	P1
Fluorene	<b>0.027 U</b>	mg/kg	0.082	0.027	1	05/22/23 09:45	05/23/23 00:30	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.017 U</b>	mg/kg	0.076	0.017	1	05/22/23 09:45	05/23/23 00:30	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.012 U</b>	mg/kg	0.089	0.012	1	05/22/23 09:45	05/23/23 00:30	90-12-0	P1
2-Methylnaphthalene	<b>0.012 U</b>	mg/kg	0.087	0.012	1	05/22/23 09:45	05/23/23 00:30	91-57-6	P1
Naphthalene	<b>0.027 U</b>	mg/kg	0.078	0.027	1	05/22/23 09:45	05/23/23 00:30	91-20-3	P1
Phenanthrene	<b>0.011 U</b>	mg/kg	0.076	0.011	1	05/22/23 09:45	05/23/23 00:30	85-01-8	P1
Pyrene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/22/23 09:45	05/23/23 00:30	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	71	%	24-98		1	05/22/23 09:45	05/23/23 00:30	4165-60-0	
2-Fluorobiphenyl (S)	79	%	29-101		1	05/22/23 09:45	05/23/23 00:30	321-60-8	
p-Terphenyl-d14 (S)	87	%	29-112		1	05/22/23 09:45	05/23/23 00:30	1718-51-0	
<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	05/21/23 17:06	05/22/23 03:22	67-64-1	
Benzene	<b>0.00099 U</b>	mg/kg	0.0050	0.00099	1	05/21/23 17:06	05/22/23 03:22	71-43-2	
Bromochloromethane	<b>0.00073 U</b>	mg/kg	0.0050	0.00073	1	05/21/23 17:06	05/22/23 03:22	74-97-5	
Bromodichloromethane	<b>0.0011 U</b>	mg/kg	0.0050	0.0011	1	05/21/23 17:06	05/22/23 03:22	75-27-4	
Bromoform	<b>0.0011 U</b>	mg/kg	0.0050	0.0011	1	05/21/23 17:06	05/22/23 03:22	75-25-2	
Bromomethane	<b>0.0018 U</b>	mg/kg	0.0050	0.0018	1	05/21/23 17:06	05/22/23 03:22	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-8 (0-0.5) Lab ID: 35800552012 Collected: 05/17/23 14:10 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0050</b> U	mg/kg	0.050	0.0050	1	05/21/23 17:06	05/22/23 03:22	78-93-3	J(v2)
Carbon disulfide	<b>0.0025</b> U	mg/kg	0.0050	0.0025	1	05/21/23 17:06	05/22/23 03:22	75-15-0	
Carbon tetrachloride	<b>0.0012</b> U	mg/kg	0.0050	0.0012	1	05/21/23 17:06	05/22/23 03:22	56-23-5	
Chlorobenzene	<b>0.00092</b> U	mg/kg	0.0050	0.00092	1	05/21/23 17:06	05/22/23 03:22	108-90-7	
Chloroethane	<b>0.0021</b> U	mg/kg	0.0050	0.0021	1	05/21/23 17:06	05/22/23 03:22	75-00-3	J(v2)
Chloroform	<b>0.00083</b> U	mg/kg	0.0050	0.00083	1	05/21/23 17:06	05/22/23 03:22	67-66-3	J(v2)
Chloromethane	<b>0.00088</b> U	mg/kg	0.0050	0.00088	1	05/21/23 17:06	05/22/23 03:22	74-87-3	
Dibromochloromethane	<b>0.00086</b> U	mg/kg	0.0050	0.00086	1	05/21/23 17:06	05/22/23 03:22	124-48-1	
Dibromomethane	<b>0.00070</b> U	mg/kg	0.0050	0.00070	1	05/21/23 17:06	05/22/23 03:22	74-95-3	
1,2-Dichlorobenzene	<b>0.00075</b> U	mg/kg	0.0050	0.00075	1	05/21/23 17:06	05/22/23 03:22	95-50-1	
1,3-Dichlorobenzene	<b>0.00090</b> U	mg/kg	0.0050	0.00090	1	05/21/23 17:06	05/22/23 03:22	541-73-1	
1,4-Dichlorobenzene	<b>0.00066</b> U	mg/kg	0.0050	0.00066	1	05/21/23 17:06	05/22/23 03:22	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0012</b> U	mg/kg	0.0050	0.0012	1	05/21/23 17:06	05/22/23 03:22	110-57-6	
1,1-Dichloroethane	<b>0.00097</b> U	mg/kg	0.0050	0.00097	1	05/21/23 17:06	05/22/23 03:22	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00076</b> U	mg/kg	0.0050	0.00076	1	05/21/23 17:06	05/22/23 03:22	107-06-2	
1,1-Dichloroethene	<b>0.0025</b> U	mg/kg	0.0050	0.0025	1	05/21/23 17:06	05/22/23 03:22	75-35-4	
cis-1,2-Dichloroethene	<b>0.0011</b> U	mg/kg	0.0050	0.0011	1	05/21/23 17:06	05/22/23 03:22	156-59-2	
trans-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0050	0.0013	1	05/21/23 17:06	05/22/23 03:22	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.00091</b> U	mg/kg	0.0050	0.00091	1	05/21/23 17:06	05/22/23 03:22	78-87-5	
1,3-Dichloropropene	<b>0.0025</b> U	mg/kg	0.0050	0.0025	1	05/21/23 17:06	05/22/23 03:22	542-75-6	
Ethylbenzene	<b>0.0012</b> U	mg/kg	0.0050	0.0012	1	05/21/23 17:06	05/22/23 03:22	100-41-4	
2-Hexanone	<b>0.0050</b> U	mg/kg	0.025	0.0050	1	05/21/23 17:06	05/22/23 03:22	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0013</b> U	mg/kg	0.0050	0.0013	1	05/21/23 17:06	05/22/23 03:22	98-82-8	
Methylene Chloride	<b>0.0044</b> U	mg/kg	0.0050	0.0044	1	05/21/23 17:06	05/22/23 03:22	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0050</b> U	mg/kg	0.025	0.0050	1	05/21/23 17:06	05/22/23 03:22	108-10-1	
Methyl-tert-butyl ether	<b>0.0015</b> U	mg/kg	0.0050	0.0015	1	05/21/23 17:06	05/22/23 03:22	1634-04-4	
Styrene	<b>0.0025</b> U	mg/kg	0.0050	0.0025	1	05/21/23 17:06	05/22/23 03:22	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00060</b> U	mg/kg	0.0050	0.00060	1	05/21/23 17:06	05/22/23 03:22	79-34-5	
Tetrachloroethene	<b>0.0012</b> U	mg/kg	0.0050	0.0012	1	05/21/23 17:06	05/22/23 03:22	127-18-4	
Toluene	<b>0.00080</b> U	mg/kg	0.0050	0.00080	1	05/21/23 17:06	05/22/23 03:22	108-88-3	
1,1,1-Trichloroethane	<b>0.0013</b> U	mg/kg	0.0050	0.0013	1	05/21/23 17:06	05/22/23 03:22	71-55-6	
1,1,2-Trichloroethane	<b>0.00058</b> U	mg/kg	0.0050	0.00058	1	05/21/23 17:06	05/22/23 03:22	79-00-5	
Trichloroethene	<b>0.0012</b> U	mg/kg	0.0050	0.0012	1	05/21/23 17:06	05/22/23 03:22	79-01-6	
Trichlorofluoromethane	<b>0.0025</b> U	mg/kg	0.0050	0.0025	1	05/21/23 17:06	05/22/23 03:22	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0011</b> U	mg/kg	0.0050	0.0011	1	05/21/23 17:06	05/22/23 03:22	95-63-6	
Vinyl chloride	<b>0.00092</b> U	mg/kg	0.0050	0.00092	1	05/21/23 17:06	05/22/23 03:22	75-01-4	
Xylene (Total)	<b>0.0051</b> U	mg/kg	0.015	0.0051	1	05/21/23 17:06	05/22/23 03:22	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	68-125		1	05/21/23 17:06	05/22/23 03:22	460-00-4	
Toluene-d8 (S)	99	%	70-130		1	05/21/23 17:06	05/22/23 03:22	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	05/21/23 17:06	05/22/23 03:22	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-8 (0-0.5) Lab ID: 35800552012 Collected: 05/17/23 14:10 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	15.0	%	0.10	0.10	1		05/22/23 07:52		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-8 (0.5-2) Lab ID: 35800552013 Collected: 05/17/23 14:14 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0020</b> U	mg/kg	0.020	0.0020	10	05/19/23 17:00	05/30/23 10:27	309-00-2	
alpha-BHC	<b>0.0011</b> U	mg/kg	0.020	0.0011	10	05/19/23 17:00	05/30/23 10:27	319-84-6	
beta-BHC	<b>0.0024</b> U	mg/kg	0.020	0.0024	10	05/19/23 17:00	05/30/23 10:27	319-85-7	
delta-BHC	<b>0.0010</b> U	mg/kg	0.020	0.0010	10	05/19/23 17:00	05/30/23 10:27	319-86-8	
gamma-BHC (Lindane)	<b>0.00058</b> U	mg/kg	0.020	0.00058	10	05/19/23 17:00	05/30/23 10:27	58-89-9	
Chlordane (Technical)	<b>0.030</b> U	mg/kg	0.10	0.030	5	05/19/23 17:00	05/27/23 09:46	57-74-9	
4,4'-DDD	<b>0.00045</b> U	mg/kg	0.010	0.00045	5	05/19/23 17:00	05/27/23 09:46	72-54-8	J(CU)
4,4'-DDE	<b>0.00039</b> U	mg/kg	0.010	0.00039	5	05/19/23 17:00	05/27/23 09:46	72-55-9	
4,4'-DDT	<b>0.00060</b> U	mg/kg	0.010	0.00060	5	05/19/23 17:00	05/27/23 09:46	50-29-3	J(CL)
Dieldrin	<b>0.00038</b> U	mg/kg	0.010	0.00038	5	05/19/23 17:00	05/27/23 09:46	60-57-1	
Endosulfan I	<b>0.0011</b> U	mg/kg	0.010	0.0011	5	05/19/23 17:00	05/27/23 09:46	959-98-8	
Endosulfan II	<b>0.00045</b> U	mg/kg	0.010	0.00045	5	05/19/23 17:00	05/27/23 09:46	33213-65-9	
Endosulfan sulfate	<b>0.00039</b> U	mg/kg	0.010	0.00039	5	05/19/23 17:00	05/27/23 09:46	1031-07-8	
Endrin	<b>0.00063</b> U	mg/kg	0.010	0.00063	5	05/19/23 17:00	05/27/23 09:46	72-20-8	
Endrin aldehyde	<b>0.00065</b> U	mg/kg	0.020	0.00065	5	05/19/23 17:00	05/27/23 09:46	7421-93-4	
Endrin ketone	<b>0.00046</b> U	mg/kg	0.010	0.00046	5	05/19/23 17:00	05/27/23 09:46	53494-70-5	
Heptachlor	<b>0.0021</b> U	mg/kg	0.020	0.0021	10	05/19/23 17:00	05/30/23 10:27	76-44-8	
Heptachlor epoxide	<b>0.00086</b> U	mg/kg	0.020	0.00086	10	05/19/23 17:00	05/30/23 10:27	1024-57-3	
Methoxychlor	<b>0.0015</b> U	mg/kg	0.010	0.0015	5	05/19/23 17:00	05/27/23 09:46	72-43-5	J(CL)
Toxaphene	<b>0.043</b> U	mg/kg	0.10	0.043	5	05/19/23 17:00	05/27/23 09:46	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	91	%	53-140		5	05/19/23 17:00	05/27/23 09:46	877-09-8	
Decachlorobiphenyl (S)	74	%	43-157		5	05/19/23 17:00	05/27/23 09:46	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>6.0</b> U	mg/kg	7.0	6.0	1	05/20/23 08:48	05/20/23 21:53		
<b>Surrogates</b>									
o-Terphenyl (S)	96	%	66-136		1	05/20/23 08:48	05/20/23 21:53	84-15-1	
N-Pentatriacontane (S)	76	%	42-159		1	05/20/23 08:48	05/20/23 21:53	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>4.1</b> U	mg/kg	8.2	4.1	10	05/20/23 10:47	05/23/23 04:14	7440-36-0	D3
Arsenic	<b>6.0</b> U	mg/kg	5.5	2.7	10	05/20/23 10:47	05/23/23 04:14	7440-38-2	
Beryllium	<b>0.48</b> I	mg/kg	0.55	0.096	10	05/20/23 10:47	05/23/23 04:14	7440-41-7	
Cadmium	<b>0.28</b> I	mg/kg	0.55	0.27	10	05/20/23 10:47	05/23/23 04:14	7440-43-9	
Chromium	<b>15.9</b> mg/kg		2.7	1.4	10	05/20/23 10:47	05/23/23 04:14	7440-47-3	
Copper	<b>1.4</b> I	mg/kg	2.7	1.4	10	05/20/23 10:47	05/23/23 04:14	7440-50-8	
Lead	<b>3.4</b> I	mg/kg	5.5	2.7	10	05/20/23 10:47	05/23/23 04:14	7439-92-1	
Nickel	<b>6.2</b> mg/kg		2.7	1.4	10	05/20/23 10:47	05/23/23 04:14	7440-02-0	
Selenium	<b>4.1</b> U	mg/kg	8.2	4.1	10	05/20/23 10:47	05/23/23 04:14	7782-49-2	D3
Silver	<b>0.60</b> U	mg/kg	2.7	0.60	10	05/20/23 10:47	05/23/23 04:14	7440-22-4	D3
Thallium	<b>3.6</b> U	mg/kg	8.2	3.6	10	05/20/23 10:47	05/23/23 04:14	7440-28-0	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-8 (0.5-2) Lab ID: 35800552013 Collected: 05/17/23 14:14 Received: 05/18/23 11:27 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								
Zinc	<b>19.7 U</b>	mg/kg	54.7	19.7	10	05/20/23 10:47	05/23/23 04:14	7440-66-6	D3
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.013</b>	mg/kg	0.011	0.0054	1	05/19/23 10:40	05/23/23 12:34	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.036 U</b>	mg/kg	0.081	0.036	1	05/22/23 09:45	05/23/23 00:55	83-32-9	P1
Acenaphthylene	<b>0.012 U</b>	mg/kg	0.076	0.012	1	05/22/23 09:45	05/23/23 00:55	208-96-8	P1
Anthracene	<b>0.010 U</b>	mg/kg	0.081	0.010	1	05/22/23 09:45	05/23/23 00:55	120-12-7	P1
Benzo(a)anthracene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/22/23 09:45	05/23/23 00:55	56-55-3	P1
Benzo(a)pyrene	<b>0.019 U</b>	mg/kg	0.076	0.019	1	05/22/23 09:45	05/23/23 00:55	50-32-8	P1
Benzo(b)fluoranthene	<b>0.020 U</b>	mg/kg	0.076	0.020	1	05/22/23 09:45	05/23/23 00:55	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.019 U</b>	mg/kg	0.076	0.019	1	05/22/23 09:45	05/23/23 00:55	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.020 U</b>	mg/kg	0.076	0.020	1	05/22/23 09:45	05/23/23 00:55	207-08-9	P1
Chrysene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/22/23 09:45	05/23/23 00:55	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.018 U</b>	mg/kg	0.076	0.018	1	05/22/23 09:45	05/23/23 00:55	53-70-3	P1
Fluoranthene	<b>0.025 U</b>	mg/kg	0.076	0.025	1	05/22/23 09:45	05/23/23 00:55	206-44-0	P1
Fluorene	<b>0.027 U</b>	mg/kg	0.083	0.027	1	05/22/23 09:45	05/23/23 00:55	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.017 U</b>	mg/kg	0.076	0.017	1	05/22/23 09:45	05/23/23 00:55	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.013 U</b>	mg/kg	0.090	0.013	1	05/22/23 09:45	05/23/23 00:55	90-12-0	P1
2-Methylnaphthalene	<b>0.012 U</b>	mg/kg	0.088	0.012	1	05/22/23 09:45	05/23/23 00:55	91-57-6	P1
Naphthalene	<b>0.027 U</b>	mg/kg	0.079	0.027	1	05/22/23 09:45	05/23/23 00:55	91-20-3	P1
Phenanthrene	<b>0.011 U</b>	mg/kg	0.076	0.011	1	05/22/23 09:45	05/23/23 00:55	85-01-8	P1
Pyrene	<b>0.010 U</b>	mg/kg	0.076	0.010	1	05/22/23 09:45	05/23/23 00:55	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	70	%	24-98		1	05/22/23 09:45	05/23/23 00:55	4165-60-0	
2-Fluorobiphenyl (S)	78	%	29-101		1	05/22/23 09:45	05/23/23 00:55	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	05/22/23 09:45	05/23/23 00:55	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.034 I</b>	mg/kg	0.055	0.0098	1	05/21/23 17:06	05/22/23 03:45	67-64-1	
Benzene	<b>0.0011 U</b>	mg/kg	0.0055	0.0011	1	05/21/23 17:06	05/22/23 03:45	71-43-2	
Bromochloromethane	<b>0.00081 U</b>	mg/kg	0.0055	0.00081	1	05/21/23 17:06	05/22/23 03:45	74-97-5	
Bromodichloromethane	<b>0.0012 U</b>	mg/kg	0.0055	0.0012	1	05/21/23 17:06	05/22/23 03:45	75-27-4	
Bromoform	<b>0.0012 U</b>	mg/kg	0.0055	0.0012	1	05/21/23 17:06	05/22/23 03:45	75-25-2	
Bromomethane	<b>0.0020 U</b>	mg/kg	0.0055	0.0020	1	05/21/23 17:06	05/22/23 03:45	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0055 U</b>	mg/kg	0.055	0.0055	1	05/21/23 17:06	05/22/23 03:45	78-93-3	J(v2)
Carbon disulfide	<b>0.0027 U</b>	mg/kg	0.0055	0.0027	1	05/21/23 17:06	05/22/23 03:45	75-15-0	
Carbon tetrachloride	<b>0.0013 U</b>	mg/kg	0.0055	0.0013	1	05/21/23 17:06	05/22/23 03:45	56-23-5	
Chlorobenzene	<b>0.0010 U</b>	mg/kg	0.0055	0.0010	1	05/21/23 17:06	05/22/23 03:45	108-90-7	
Chloroethane	<b>0.0023 U</b>	mg/kg	0.0055	0.0023	1	05/21/23 17:06	05/22/23 03:45	75-00-3	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-8 (0.5-2) Lab ID: 35800552013 Collected: 05/17/23 14:14 Received: 05/18/23 11:27 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								
Chloroform	<b>0.00092</b> U	mg/kg	0.0055	0.00092	1	05/21/23 17:06	05/22/23 03:45	67-66-3	J(v2)
Chloromethane	<b>0.00098</b> U	mg/kg	0.0055	0.00098	1	05/21/23 17:06	05/22/23 03:45	74-87-3	
Dibromochloromethane	<b>0.00096</b> U	mg/kg	0.0055	0.00096	1	05/21/23 17:06	05/22/23 03:45	124-48-1	
Dibromomethane	<b>0.00078</b> U	mg/kg	0.0055	0.00078	1	05/21/23 17:06	05/22/23 03:45	74-95-3	
1,2-Dichlorobenzene	<b>0.00084</b> U	mg/kg	0.0055	0.00084	1	05/21/23 17:06	05/22/23 03:45	95-50-1	
1,3-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0055	0.0010	1	05/21/23 17:06	05/22/23 03:45	541-73-1	
1,4-Dichlorobenzene	<b>0.00074</b> U	mg/kg	0.0055	0.00074	1	05/21/23 17:06	05/22/23 03:45	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0055	0.0013	1	05/21/23 17:06	05/22/23 03:45	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0055	0.0011	1	05/21/23 17:06	05/22/23 03:45	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.00085</b> U	mg/kg	0.0055	0.00085	1	05/21/23 17:06	05/22/23 03:45	107-06-2	
1,1-Dichloroethene	<b>0.0027</b> U	mg/kg	0.0055	0.0027	1	05/21/23 17:06	05/22/23 03:45	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0055	0.0012	1	05/21/23 17:06	05/22/23 03:45	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0055	0.0014	1	05/21/23 17:06	05/22/23 03:45	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0010</b> U	mg/kg	0.0055	0.0010	1	05/21/23 17:06	05/22/23 03:45	78-87-5	
1,3-Dichloropropene	<b>0.0027</b> U	mg/kg	0.0055	0.0027	1	05/21/23 17:06	05/22/23 03:45	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0055	0.0013	1	05/21/23 17:06	05/22/23 03:45	100-41-4	
2-Hexanone	<b>0.0055</b> U	mg/kg	0.027	0.0055	1	05/21/23 17:06	05/22/23 03:45	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0055	0.0014	1	05/21/23 17:06	05/22/23 03:45	98-82-8	
Methylene Chloride	<b>0.0048</b> U	mg/kg	0.0055	0.0048	1	05/21/23 17:06	05/22/23 03:45	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.0055</b> U	mg/kg	0.027	0.0055	1	05/21/23 17:06	05/22/23 03:45	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0055	0.0016	1	05/21/23 17:06	05/22/23 03:45	1634-04-4	
Styrene	<b>0.0027</b> U	mg/kg	0.0055	0.0027	1	05/21/23 17:06	05/22/23 03:45	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00067</b> U	mg/kg	0.0055	0.00067	1	05/21/23 17:06	05/22/23 03:45	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0055	0.0013	1	05/21/23 17:06	05/22/23 03:45	127-18-4	
Toluene	<b>0.00089</b> U	mg/kg	0.0055	0.00089	1	05/21/23 17:06	05/22/23 03:45	108-88-3	
1,1,1-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0055	0.0014	1	05/21/23 17:06	05/22/23 03:45	71-55-6	
1,1,2-Trichloroethane	<b>0.00065</b> U	mg/kg	0.0055	0.00065	1	05/21/23 17:06	05/22/23 03:45	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0055	0.0013	1	05/21/23 17:06	05/22/23 03:45	79-01-6	
Trichlorofluoromethane	<b>0.0027</b> U	mg/kg	0.0055	0.0027	1	05/21/23 17:06	05/22/23 03:45	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0055	0.0012	1	05/21/23 17:06	05/22/23 03:45	95-63-6	
Vinyl chloride	<b>0.0010</b> U	mg/kg	0.0055	0.0010	1	05/21/23 17:06	05/22/23 03:45	75-01-4	
Xylene (Total)	<b>0.0057</b> U	mg/kg	0.016	0.0057	1	05/21/23 17:06	05/22/23 03:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	86	%	68-125		1	05/21/23 17:06	05/22/23 03:45	460-00-4	
Toluene-d8 (S)	92	%	70-130		1	05/21/23 17:06	05/22/23 03:45	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	05/21/23 17:06	05/22/23 03:45	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>15.0</b>	%	0.10	0.10	1			05/22/23 07:52	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-6 (0-0.5) Lab ID: 35800552014 Collected: 05/17/23 14:36 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0016 U</b>	mg/kg	0.016	0.0016	2	05/19/23 17:00	05/27/23 09:59	309-00-2	
alpha-BHC	<b>0.00086 U</b>	mg/kg	0.016	0.00086	2	05/19/23 17:00	05/27/23 09:59	319-84-6	
beta-BHC	<b>0.0019 U</b>	mg/kg	0.016	0.0019	2	05/19/23 17:00	05/27/23 09:59	319-85-7	
delta-BHC	<b>0.00080 U</b>	mg/kg	0.016	0.00080	2	05/19/23 17:00	05/27/23 09:59	319-86-8	
gamma-BHC (Lindane)	<b>0.00045 U</b>	mg/kg	0.016	0.00045	2	05/19/23 17:00	05/27/23 09:59	58-89-9	
Chlordane (Technical)	<b>0.047 U</b>	mg/kg	0.16	0.047	2	05/19/23 17:00	05/27/23 09:59	57-74-9	
4,4'-DDD	<b>0.00070 U</b>	mg/kg	0.016	0.00070	2	05/19/23 17:00	05/27/23 09:59	72-54-8	J(CU)
4,4'-DDE	<b>0.00062 U</b>	mg/kg	0.016	0.00062	2	05/19/23 17:00	05/27/23 09:59	72-55-9	
4,4'-DDT	<b>0.00094 U</b>	mg/kg	0.016	0.00094	2	05/19/23 17:00	05/27/23 09:59	50-29-3	J(CL)
Dieldrin	<b>0.00060 U</b>	mg/kg	0.016	0.00060	2	05/19/23 17:00	05/27/23 09:59	60-57-1	
Endosulfan I	<b>0.0018 U</b>	mg/kg	0.016	0.0018	2	05/19/23 17:00	05/27/23 09:59	959-98-8	
Endosulfan II	<b>0.00070 U</b>	mg/kg	0.016	0.00070	2	05/19/23 17:00	05/27/23 09:59	33213-65-9	
Endosulfan sulfate	<b>0.00062 U</b>	mg/kg	0.016	0.00062	2	05/19/23 17:00	05/27/23 09:59	1031-07-8	
Endrin	<b>0.00099 U</b>	mg/kg	0.016	0.00099	2	05/19/23 17:00	05/27/23 09:59	72-20-8	
Endrin aldehyde	<b>0.0010 U</b>	mg/kg	0.031	0.0010	2	05/19/23 17:00	05/27/23 09:59	7421-93-4	
Endrin ketone	<b>0.00073 U</b>	mg/kg	0.016	0.00073	2	05/19/23 17:00	05/27/23 09:59	53494-70-5	
Heptachlor	<b>0.0017 U</b>	mg/kg	0.016	0.0017	2	05/19/23 17:00	05/27/23 09:59	76-44-8	
Heptachlor epoxide	<b>0.00067 U</b>	mg/kg	0.016	0.00067	2	05/19/23 17:00	05/27/23 09:59	1024-57-3	
Methoxychlor	<b>0.0023 U</b>	mg/kg	0.016	0.0023	2	05/19/23 17:00	05/27/23 09:59	72-43-5	J(CL)
Toxaphene	<b>0.068 U</b>	mg/kg	0.16	0.068	2	05/19/23 17:00	05/27/23 09:59	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	103	%	53-140		2	05/19/23 17:00	05/27/23 09:59	877-09-8	
Decachlorobiphenyl (S)	89	%	43-157		2	05/19/23 17:00	05/27/23 09:59	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>96.8</b>	mg/kg	46.1	39.6	1	05/20/23 08:48	05/20/23 22:09		P1
<b>Surrogates</b>									
o-Terphenyl (S)	102	%	66-136		1	05/20/23 08:48	05/20/23 22:09	84-15-1	
N-Pentatriacontane (S)	81	%	42-159		1	05/20/23 08:48	05/20/23 22:09	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>1.8 U</b>	mg/kg	3.7	1.8	1	05/20/23 10:47	05/22/23 14:47	7440-36-0	
Arsenic	<b>6.4</b>	mg/kg	2.5	1.2	1	05/20/23 10:47	05/22/23 14:47	7440-38-2	
Beryllium	<b>0.15 I</b>	mg/kg	0.25	0.043	1	05/20/23 10:47	05/22/23 14:47	7440-41-7	
Cadmium	<b>0.12 U</b>	mg/kg	0.25	0.12	1	05/20/23 10:47	05/22/23 14:47	7440-43-9	
Chromium	<b>6.9</b>	mg/kg	1.2	0.62	1	05/20/23 10:47	05/22/23 14:47	7440-47-3	
Copper	<b>6.4</b>	mg/kg	1.2	0.62	1	05/20/23 10:47	05/22/23 14:47	7440-50-8	
Lead	<b>9.1</b>	mg/kg	2.5	1.2	1	05/20/23 10:47	05/22/23 14:47	7439-92-1	
Nickel	<b>7.8</b>	mg/kg	1.2	0.62	1	05/20/23 10:47	05/22/23 14:47	7440-02-0	
Selenium	<b>2.5 I</b>	mg/kg	3.7	1.8	1	05/20/23 10:47	05/22/23 14:47	7782-49-2	
Silver	<b>0.27 U</b>	mg/kg	1.2	0.27	1	05/20/23 10:47	05/22/23 14:47	7440-22-4	
Thallium	<b>1.6 U</b>	mg/kg	3.7	1.6	1	05/20/23 10:47	05/22/23 14:47	7440-28-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-6 (0-0.5) Lab ID: 35800552014 Collected: 05/17/23 14:36 Received: 05/18/23 11:27 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								
Zinc	<b>8.9 U</b>	mg/kg	24.7	8.9	1	05/20/23 10:47	05/22/23 14:47	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.14</b>	mg/kg	0.044	0.022	1	05/19/23 10:40	05/23/23 12:46	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.43 U</b>	mg/kg	0.97	0.43	1	05/22/23 09:45	05/23/23 01:20	83-32-9	P1
Acenaphthylene	<b>0.14 U</b>	mg/kg	0.92	0.14	1	05/22/23 09:45	05/23/23 01:20	208-96-8	P1
Anthracene	<b>0.12 U</b>	mg/kg	0.97	0.12	1	05/22/23 09:45	05/23/23 01:20	120-12-7	P1
Benzo(a)anthracene	<b>0.12 U</b>	mg/kg	0.92	0.12	1	05/22/23 09:45	05/23/23 01:20	56-55-3	P1
Benzo(a)pyrene	<b>0.23 U</b>	mg/kg	0.92	0.23	1	05/22/23 09:45	05/23/23 01:20	50-32-8	P1
Benzo(b)fluoranthene	<b>0.24 U</b>	mg/kg	0.92	0.24	1	05/22/23 09:45	05/23/23 01:20	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.23 U</b>	mg/kg	0.92	0.23	1	05/22/23 09:45	05/23/23 01:20	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.24 U</b>	mg/kg	0.92	0.24	1	05/22/23 09:45	05/23/23 01:20	207-08-9	P1
Chrysene	<b>0.12 U</b>	mg/kg	0.92	0.12	1	05/22/23 09:45	05/23/23 01:20	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.21 U</b>	mg/kg	0.92	0.21	1	05/22/23 09:45	05/23/23 01:20	53-70-3	P1
Fluoranthene	<b>0.30 U</b>	mg/kg	0.92	0.30	1	05/22/23 09:45	05/23/23 01:20	206-44-0	P1
Fluorene	<b>0.32 U</b>	mg/kg	1.0	0.32	1	05/22/23 09:45	05/23/23 01:20	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.21 U</b>	mg/kg	0.92	0.21	1	05/22/23 09:45	05/23/23 01:20	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.15 U</b>	mg/kg	1.1	0.15	1	05/22/23 09:45	05/23/23 01:20	90-12-0	P1
2-Methylnaphthalene	<b>0.14 U</b>	mg/kg	1.1	0.14	1	05/22/23 09:45	05/23/23 01:20	91-57-6	P1
Naphthalene	<b>0.32 U</b>	mg/kg	0.95	0.32	1	05/22/23 09:45	05/23/23 01:20	91-20-3	P1
Phenanthrene	<b>0.13 U</b>	mg/kg	0.92	0.13	1	05/22/23 09:45	05/23/23 01:20	85-01-8	P1
Pyrene	<b>0.12 U</b>	mg/kg	0.92	0.12	1	05/22/23 09:45	05/23/23 01:20	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	62	%	24-98		1	05/22/23 09:45	05/23/23 01:20	4165-60-0	
2-Fluorobiphenyl (S)	72	%	29-101		1	05/22/23 09:45	05/23/23 01:20	321-60-8	
p-Terphenyl-d14 (S)	77	%	29-112		1	05/22/23 09:45	05/23/23 01:20	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.77</b>	mg/kg	0.33	0.058	1	05/21/23 17:06	05/22/23 04:09	67-64-1	
Benzene	<b>0.0065 U</b>	mg/kg	0.033	0.0065	1	05/21/23 17:06	05/22/23 04:09	71-43-2	
Bromochloromethane	<b>0.0048 U</b>	mg/kg	0.033	0.0048	1	05/21/23 17:06	05/22/23 04:09	74-97-5	
Bromodichloromethane	<b>0.0072 U</b>	mg/kg	0.033	0.0072	1	05/21/23 17:06	05/22/23 04:09	75-27-4	
Bromoform	<b>0.0072 U</b>	mg/kg	0.033	0.0072	1	05/21/23 17:06	05/22/23 04:09	75-25-2	
Bromomethane	<b>0.012 U</b>	mg/kg	0.033	0.012	1	05/21/23 17:06	05/22/23 04:09	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.33</b>	mg/kg	0.33	0.033	1	05/21/23 17:06	05/22/23 04:09	78-93-3	J(v3)
Carbon disulfide	<b>0.016 U</b>	mg/kg	0.033	0.016	1	05/21/23 17:06	05/22/23 04:09	75-15-0	
Carbon tetrachloride	<b>0.0078 U</b>	mg/kg	0.033	0.0078	1	05/21/23 17:06	05/22/23 04:09	56-23-5	
Chlorobenzene	<b>0.0061 U</b>	mg/kg	0.033	0.0061	1	05/21/23 17:06	05/22/23 04:09	108-90-7	
Chloroethane	<b>0.014 U</b>	mg/kg	0.033	0.014	1	05/21/23 17:06	05/22/23 04:09	75-00-3	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-6 (0-0.5) Lab ID: 35800552014 Collected: 05/17/23 14:36 Received: 05/18/23 11:27 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								
Chloroform	<b>0.0055</b> U	mg/kg	0.033	0.0055	1	05/21/23 17:06	05/22/23 04:09	67-66-3	J(v2)
Chloromethane	<b>0.0058</b> U	mg/kg	0.033	0.0058	1	05/21/23 17:06	05/22/23 04:09	74-87-3	
Dibromochloromethane	<b>0.0057</b> U	mg/kg	0.033	0.0057	1	05/21/23 17:06	05/22/23 04:09	124-48-1	
Dibromomethane	<b>0.0046</b> U	mg/kg	0.033	0.0046	1	05/21/23 17:06	05/22/23 04:09	74-95-3	
1,2-Dichlorobenzene	<b>0.0050</b> U	mg/kg	0.033	0.0050	1	05/21/23 17:06	05/22/23 04:09	95-50-1	
1,3-Dichlorobenzene	<b>0.0060</b> U	mg/kg	0.033	0.0060	1	05/21/23 17:06	05/22/23 04:09	541-73-1	
1,4-Dichlorobenzene	<b>0.0044</b> U	mg/kg	0.033	0.0044	1	05/21/23 17:06	05/22/23 04:09	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0078</b> U	mg/kg	0.033	0.0078	1	05/21/23 17:06	05/22/23 04:09	110-57-6	
1,1-Dichloroethane	<b>0.0064</b> U	mg/kg	0.033	0.0064	1	05/21/23 17:06	05/22/23 04:09	75-34-3	J(v2)
1,2-Dichloroethane	<b>0.0050</b> U	mg/kg	0.033	0.0050	1	05/21/23 17:06	05/22/23 04:09	107-06-2	
1,1-Dichloroethene	<b>0.016</b> U	mg/kg	0.033	0.016	1	05/21/23 17:06	05/22/23 04:09	75-35-4	
cis-1,2-Dichloroethene	<b>0.0072</b> U	mg/kg	0.033	0.0072	1	05/21/23 17:06	05/22/23 04:09	156-59-2	
trans-1,2-Dichloroethene	<b>0.0085</b> U	mg/kg	0.033	0.0085	1	05/21/23 17:06	05/22/23 04:09	156-60-5	J(v2)
1,2-Dichloropropane	<b>0.0060</b> U	mg/kg	0.033	0.0060	1	05/21/23 17:06	05/22/23 04:09	78-87-5	
1,3-Dichloropropene	<b>0.016</b> U	mg/kg	0.033	0.016	1	05/21/23 17:06	05/22/23 04:09	542-75-6	
Ethylbenzene	<b>0.0078</b> U	mg/kg	0.033	0.0078	1	05/21/23 17:06	05/22/23 04:09	100-41-4	
2-Hexanone	<b>0.033</b> U	mg/kg	0.16	0.033	1	05/21/23 17:06	05/22/23 04:09	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0085</b> U	mg/kg	0.033	0.0085	1	05/21/23 17:06	05/22/23 04:09	98-82-8	
Methylene Chloride	<b>0.029</b> U	mg/kg	0.033	0.029	1	05/21/23 17:06	05/22/23 04:09	75-09-2	J(v2)
4-Methyl-2-pentanone (MIBK)	<b>0.033</b> U	mg/kg	0.16	0.033	1	05/21/23 17:06	05/22/23 04:09	108-10-1	
Methyl-tert-butyl ether	<b>0.0098</b> U	mg/kg	0.033	0.0098	1	05/21/23 17:06	05/22/23 04:09	1634-04-4	
Styrene	<b>0.016</b> U	mg/kg	0.033	0.016	1	05/21/23 17:06	05/22/23 04:09	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.0040</b> U	mg/kg	0.033	0.0040	1	05/21/23 17:06	05/22/23 04:09	79-34-5	
Tetrachloroethene	<b>0.0078</b> U	mg/kg	0.033	0.0078	1	05/21/23 17:06	05/22/23 04:09	127-18-4	
Toluene	<b>0.0053</b> U	mg/kg	0.033	0.0053	1	05/21/23 17:06	05/22/23 04:09	108-88-3	
1,1,1-Trichloroethane	<b>0.0085</b> U	mg/kg	0.033	0.0085	1	05/21/23 17:06	05/22/23 04:09	71-55-6	
1,1,2-Trichloroethane	<b>0.0039</b> U	mg/kg	0.033	0.0039	1	05/21/23 17:06	05/22/23 04:09	79-00-5	
Trichloroethene	<b>0.0078</b> U	mg/kg	0.033	0.0078	1	05/21/23 17:06	05/22/23 04:09	79-01-6	
Trichlorofluoromethane	<b>0.016</b> U	mg/kg	0.033	0.016	1	05/21/23 17:06	05/22/23 04:09	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0072</b> U	mg/kg	0.033	0.0072	1	05/21/23 17:06	05/22/23 04:09	95-63-6	
Vinyl chloride	<b>0.0061</b> U	mg/kg	0.033	0.0061	1	05/21/23 17:06	05/22/23 04:09	75-01-4	
Xylene (Total)	<b>0.034</b> U	mg/kg	0.098	0.034	1	05/21/23 17:06	05/22/23 04:09	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	68-125		1	05/21/23 17:06	05/22/23 04:09	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	05/21/23 17:06	05/22/23 04:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	05/21/23 17:06	05/22/23 04:09	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>78.3</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-7 (0-0.5) Lab ID: 35800552015 Collected: 05/17/23 15:12 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00076</b> U	mg/kg	0.0076	0.00076	1	05/19/23 17:00	05/27/23 10:12	309-00-2	P1
alpha-BHC	<b>0.00042</b> U	mg/kg	0.0076	0.00042	1	05/19/23 17:00	05/27/23 10:12	319-84-6	P1
beta-BHC	<b>0.00091</b> U	mg/kg	0.0076	0.00091	1	05/19/23 17:00	05/27/23 10:12	319-85-7	P1
delta-BHC	<b>0.00039</b> U	mg/kg	0.0076	0.00039	1	05/19/23 17:00	05/27/23 10:12	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00022</b> U	mg/kg	0.0076	0.00022	1	05/19/23 17:00	05/27/23 10:12	58-89-9	P1
Chlordane (Technical)	<b>0.023</b> U	mg/kg	0.076	0.023	1	05/19/23 17:00	05/27/23 10:12	57-74-9	P1
4,4'-DDD	<b>0.00034</b> U	mg/kg	0.0076	0.00034	1	05/19/23 17:00	05/27/23 10:12	72-54-8	J(CU), P1
4,4'-DDE	<b>0.00030</b> U	mg/kg	0.0076	0.00030	1	05/19/23 17:00	05/27/23 10:12	72-55-9	P1
4,4'-DDT	<b>0.00046</b> U	mg/kg	0.0076	0.00046	1	05/19/23 17:00	05/27/23 10:12	50-29-3	J(CL), P1
Dieldrin	<b>0.00029</b> U	mg/kg	0.0076	0.00029	1	05/19/23 17:00	05/27/23 10:12	60-57-1	P1
Endosulfan I	<b>0.00085</b> U	mg/kg	0.0076	0.00085	1	05/19/23 17:00	05/27/23 10:12	959-98-8	P1
Endosulfan II	<b>0.00034</b> U	mg/kg	0.0076	0.00034	1	05/19/23 17:00	05/27/23 10:12	33213-65-9	P1
Endosulfan sulfate	<b>0.00030</b> U	mg/kg	0.0076	0.00030	1	05/19/23 17:00	05/27/23 10:12	1031-07-8	P1
Endrin	<b>0.00048</b> U	mg/kg	0.0076	0.00048	1	05/19/23 17:00	05/27/23 10:12	72-20-8	P1
Endrin aldehyde	<b>0.00049</b> U	mg/kg	0.015	0.00049	1	05/19/23 17:00	05/27/23 10:12	7421-93-4	P1
Endrin ketone	<b>0.00035</b> U	mg/kg	0.0076	0.00035	1	05/19/23 17:00	05/27/23 10:12	53494-70-5	P1
Heptachlor	<b>0.00081</b> U	mg/kg	0.0076	0.00081	1	05/19/23 17:00	05/27/23 10:12	76-44-8	P1
Heptachlor epoxide	<b>0.00033</b> U	mg/kg	0.0076	0.00033	1	05/19/23 17:00	05/27/23 10:12	1024-57-3	P1
Methoxychlor	<b>0.0011</b> U	mg/kg	0.0076	0.0011	1	05/19/23 17:00	05/27/23 10:12	72-43-5	J(CL), P1
Toxaphene	<b>0.033</b> U	mg/kg	0.076	0.033	1	05/19/23 17:00	05/27/23 10:12	8001-35-2	J(CL), P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	111	%	53-140		1	05/19/23 17:00	05/27/23 10:12	877-09-8	
Decachlorobiphenyl (S)	110	%	43-157		1	05/19/23 17:00	05/27/23 10:12	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>12.8</b> U	mg/kg	14.9	12.8	1	05/20/23 08:48	05/20/23 22:24		P1
<b>Surrogates</b>									
o-Terphenyl (S)	99	%	66-136		1	05/20/23 08:48	05/20/23 22:24	84-15-1	
N-Pentatriacontane (S)	73	%	42-159		1	05/20/23 08:48	05/20/23 22:24	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.56</b> U	mg/kg	1.1	0.56	1	05/20/23 10:47	05/22/23 14:51	7440-36-0	
Arsenic	<b>2.4</b>	mg/kg	0.74	0.37	1	05/20/23 10:47	05/22/23 14:51	7440-38-2	
Beryllium	<b>0.15</b>	mg/kg	0.074	0.013	1	05/20/23 10:47	05/22/23 14:51	7440-41-7	
Cadmium	<b>0.14</b>	mg/kg	0.074	0.037	1	05/20/23 10:47	05/22/23 14:51	7440-43-9	
Chromium	<b>10.2</b>	mg/kg	0.37	0.19	1	05/20/23 10:47	05/22/23 14:51	7440-47-3	
Copper	<b>2.2</b>	mg/kg	0.37	0.19	1	05/20/23 10:47	05/22/23 14:51	7440-50-8	
Lead	<b>3.2</b>	mg/kg	0.74	0.37	1	05/20/23 10:47	05/22/23 14:51	7439-92-1	
Nickel	<b>3.2</b>	mg/kg	0.37	0.19	1	05/20/23 10:47	05/22/23 14:51	7440-02-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-7 (0-0.5) Lab ID: 35800552015 Collected: 05/17/23 15:12 Received: 05/18/23 11:27 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							
Selenium	<b>0.56 U</b>	mg/kg	1.1	0.56	1	05/20/23 10:47	05/22/23 14:51	7782-49-2	
Silver	<b>0.082 U</b>	mg/kg	0.37	0.082	1	05/20/23 10:47	05/22/23 14:51	7440-22-4	
Thallium	<b>0.49 U</b>	mg/kg	1.1	0.49	1	05/20/23 10:47	05/22/23 14:51	7440-28-0	
Zinc	<b>6.3 I</b>	mg/kg	7.4	2.7	1	05/20/23 10:47	05/22/23 14:51	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach							
Mercury	<b>0.024</b>	mg/kg	0.013	0.0065	1	05/19/23 10:40	05/23/23 12:48	7439-97-6	
<b>8270 Solid PAH</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Acenaphthene	<b>0.12 U</b>	mg/kg	0.28	0.12	1	05/22/23 09:45	05/23/23 01:46	83-32-9	P1
Acenaphthylene	<b>0.041 U</b>	mg/kg	0.26	0.041	1	05/22/23 09:45	05/23/23 01:46	208-96-8	P1
Anthracene	<b>0.036 U</b>	mg/kg	0.28	0.036	1	05/22/23 09:45	05/23/23 01:46	120-12-7	P1
Benzo(a)anthracene	<b>0.035 U</b>	mg/kg	0.26	0.035	1	05/22/23 09:45	05/23/23 01:46	56-55-3	P1
Benzo(a)pyrene	<b>0.065 U</b>	mg/kg	0.26	0.065	1	05/22/23 09:45	05/23/23 01:46	50-32-8	P1
Benzo(b)fluoranthene	<b>0.070 U</b>	mg/kg	0.26	0.070	1	05/22/23 09:45	05/23/23 01:46	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.066 U</b>	mg/kg	0.26	0.066	1	05/22/23 09:45	05/23/23 01:46	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.070 U</b>	mg/kg	0.26	0.070	1	05/22/23 09:45	05/23/23 01:46	207-08-9	P1
Chrysene	<b>0.035 U</b>	mg/kg	0.26	0.035	1	05/22/23 09:45	05/23/23 01:46	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.060 U</b>	mg/kg	0.26	0.060	1	05/22/23 09:45	05/23/23 01:46	53-70-3	P1
Fluoranthene	<b>0.085 U</b>	mg/kg	0.26	0.085	1	05/22/23 09:45	05/23/23 01:46	206-44-0	P1
Fluorene	<b>0.093 U</b>	mg/kg	0.29	0.093	1	05/22/23 09:45	05/23/23 01:46	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.060 U</b>	mg/kg	0.26	0.060	1	05/22/23 09:45	05/23/23 01:46	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.043 U</b>	mg/kg	0.31	0.043	1	05/22/23 09:45	05/23/23 01:46	90-12-0	P1
2-Methylnaphthalene	<b>0.041 U</b>	mg/kg	0.30	0.041	1	05/22/23 09:45	05/23/23 01:46	91-57-6	P1
Naphthalene	<b>0.093 U</b>	mg/kg	0.27	0.093	1	05/22/23 09:45	05/23/23 01:46	91-20-3	P1
Phenanthrene	<b>0.037 U</b>	mg/kg	0.26	0.037	1	05/22/23 09:45	05/23/23 01:46	85-01-8	P1
Pyrene	<b>0.035 U</b>	mg/kg	0.26	0.035	1	05/22/23 09:45	05/23/23 01:46	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	69	%	24-98		1	05/22/23 09:45	05/23/23 01:46	4165-60-0	
2-Fluorobiphenyl (S)	81	%	29-101		1	05/22/23 09:45	05/23/23 01:46	321-60-8	
p-Terphenyl-d14 (S)	83	%	29-112		1	05/22/23 09:45	05/23/23 01:46	1718-51-0	
<b>8260 MSV 5035</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach							
Acetone	<b>0.014 U</b>	mg/kg	0.079	0.014	1	05/22/23 08:02	05/22/23 14:06	67-64-1	
Benzene	<b>0.0016 U</b>	mg/kg	0.0079	0.0016	1	05/22/23 08:02	05/22/23 14:06	71-43-2	
Bromochloromethane	<b>0.0012 U</b>	mg/kg	0.0079	0.0012	1	05/22/23 08:02	05/22/23 14:06	74-97-5	
Bromodichloromethane	<b>0.0017 U</b>	mg/kg	0.0079	0.0017	1	05/22/23 08:02	05/22/23 14:06	75-27-4	
Bromoform	<b>0.0017 U</b>	mg/kg	0.0079	0.0017	1	05/22/23 08:02	05/22/23 14:06	75-25-2	
Bromomethane	<b>0.0028 U</b>	mg/kg	0.0079	0.0028	1	05/22/23 08:02	05/22/23 14:06	74-83-9	
2-Butanone (MEK)	<b>0.0079 U</b>	mg/kg	0.079	0.0079	1	05/22/23 08:02	05/22/23 14:06	78-93-3	
Carbon disulfide	<b>0.0039 U</b>	mg/kg	0.0079	0.0039	1	05/22/23 08:02	05/22/23 14:06	75-15-0	J(v1)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-7 (0-0.5) Lab ID: 35800552015 Collected: 05/17/23 15:12 Received: 05/18/23 11:27 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								
Carbon tetrachloride	<b>0.0019</b> U	mg/kg	0.0079	0.0019	1	05/22/23 08:02	05/22/23 14:06	56-23-5	
Chlorobenzene	<b>0.0015</b> U	mg/kg	0.0079	0.0015	1	05/22/23 08:02	05/22/23 14:06	108-90-7	
Chloroethane	<b>0.0033</b> U	mg/kg	0.0079	0.0033	1	05/22/23 08:02	05/22/23 14:06	75-00-3	
Chloroform	<b>0.0013</b> U	mg/kg	0.0079	0.0013	1	05/22/23 08:02	05/22/23 14:06	67-66-3	
Chloromethane	<b>0.0014</b> U	mg/kg	0.0079	0.0014	1	05/22/23 08:02	05/22/23 14:06	74-87-3	
Dibromochloromethane	<b>0.0014</b> U	mg/kg	0.0079	0.0014	1	05/22/23 08:02	05/22/23 14:06	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0079	0.0011	1	05/22/23 08:02	05/22/23 14:06	74-95-3	
1,2-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0079	0.0012	1	05/22/23 08:02	05/22/23 14:06	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0079	0.0014	1	05/22/23 08:02	05/22/23 14:06	541-73-1	
1,4-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0079	0.0011	1	05/22/23 08:02	05/22/23 14:06	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0019</b> U	mg/kg	0.0079	0.0019	1	05/22/23 08:02	05/22/23 14:06	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0079	0.0015	1	05/22/23 08:02	05/22/23 14:06	75-34-3	
1,2-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0079	0.0012	1	05/22/23 08:02	05/22/23 14:06	107-06-2	
1,1-Dichloroethene	<b>0.0039</b> U	mg/kg	0.0079	0.0039	1	05/22/23 08:02	05/22/23 14:06	75-35-4	
cis-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0079	0.0017	1	05/22/23 08:02	05/22/23 14:06	156-59-2	
trans-1,2-Dichloroethene	<b>0.0020</b> U	mg/kg	0.0079	0.0020	1	05/22/23 08:02	05/22/23 14:06	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0079	0.0014	1	05/22/23 08:02	05/22/23 14:06	78-87-5	
1,3-Dichloropropene	<b>0.0039</b> U	mg/kg	0.0079	0.0039	1	05/22/23 08:02	05/22/23 14:06	542-75-6	
Ethylbenzene	<b>0.0019</b> U	mg/kg	0.0079	0.0019	1	05/22/23 08:02	05/22/23 14:06	100-41-4	
2-Hexanone	<b>0.0079</b> U	mg/kg	0.039	0.0079	1	05/22/23 08:02	05/22/23 14:06	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0020</b> U	mg/kg	0.0079	0.0020	1	05/22/23 08:02	05/22/23 14:06	98-82-8	
Methylene Chloride	<b>0.0069</b> U	mg/kg	0.0079	0.0069	1	05/22/23 08:02	05/22/23 14:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0079</b> U	mg/kg	0.039	0.0079	1	05/22/23 08:02	05/22/23 14:06	108-10-1	
Methyl-tert-butyl ether	<b>0.0024</b> U	mg/kg	0.0079	0.0024	1	05/22/23 08:02	05/22/23 14:06	1634-04-4	J(v2)
Styrene	<b>0.0039</b> U	mg/kg	0.0079	0.0039	1	05/22/23 08:02	05/22/23 14:06	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00096</b> U	mg/kg	0.0079	0.00096	1	05/22/23 08:02	05/22/23 14:06	79-34-5	
Tetrachloroethene	<b>0.0019</b> U	mg/kg	0.0079	0.0019	1	05/22/23 08:02	05/22/23 14:06	127-18-4	
Toluene	<b>0.0013</b> U	mg/kg	0.0079	0.0013	1	05/22/23 08:02	05/22/23 14:06	108-88-3	
1,1,1-Trichloroethane	<b>0.0020</b> U	mg/kg	0.0079	0.0020	1	05/22/23 08:02	05/22/23 14:06	71-55-6	
1,1,2-Trichloroethane	<b>0.00093</b> U	mg/kg	0.0079	0.00093	1	05/22/23 08:02	05/22/23 14:06	79-00-5	
Trichloroethene	<b>0.0019</b> U	mg/kg	0.0079	0.0019	1	05/22/23 08:02	05/22/23 14:06	79-01-6	
Trichlorofluoromethane	<b>0.0039</b> U	mg/kg	0.0079	0.0039	1	05/22/23 08:02	05/22/23 14:06	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0017</b> U	mg/kg	0.0079	0.0017	1	05/22/23 08:02	05/22/23 14:06	95-63-6	
Vinyl chloride	<b>0.0015</b> U	mg/kg	0.0079	0.0015	1	05/22/23 08:02	05/22/23 14:06	75-01-4	
Xylene (Total)	<b>0.0081</b> U	mg/kg	0.024	0.0081	1	05/22/23 08:02	05/22/23 14:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	68-125		1	05/22/23 08:02	05/22/23 14:06	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	05/22/23 08:02	05/22/23 14:06	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	05/22/23 08:02	05/22/23 14:06	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>32.9</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-7 (0.5-2) Lab ID: 35800552016 Collected: 05/17/23 15:16 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00021</b> U	mg/kg	0.0021	0.00021	1	05/19/23 17:00	05/27/23 10:26	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/19/23 17:00	05/27/23 10:26	319-84-6	
beta-BHC	<b>0.00025</b> U	mg/kg	0.0021	0.00025	1	05/19/23 17:00	05/27/23 10:26	319-85-7	
delta-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/19/23 17:00	05/27/23 10:26	319-86-8	
gamma-BHC (Lindane)	<b>0.000060</b> U	mg/kg	0.0021	0.000060	1	05/19/23 17:00	05/27/23 10:26	58-89-9	
Chlordane (Technical)	<b>0.0062</b> U	mg/kg	0.021	0.0062	1	05/19/23 17:00	05/27/23 10:26	57-74-9	
4,4'-DDD	<b>0.000093</b> U	mg/kg	0.0021	0.000093	1	05/19/23 17:00	05/27/23 10:26	72-54-8	J(CU)
4,4'-DDE	<b>0.000082</b> U	mg/kg	0.0021	0.000082	1	05/19/23 17:00	05/27/23 10:26	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0021	0.00012	1	05/19/23 17:00	05/27/23 10:26	50-29-3	J(CL)
Dieldrin	<b>0.000079</b> U	mg/kg	0.0021	0.000079	1	05/19/23 17:00	05/27/23 10:26	60-57-1	
Endosulfan I	<b>0.00023</b> U	mg/kg	0.0021	0.00023	1	05/19/23 17:00	05/27/23 10:26	959-98-8	
Endosulfan II	<b>0.000093</b> U	mg/kg	0.0021	0.000093	1	05/19/23 17:00	05/27/23 10:26	33213-65-9	
Endosulfan sulfate	<b>0.000082</b> U	mg/kg	0.0021	0.000082	1	05/19/23 17:00	05/27/23 10:26	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0021	0.00013	1	05/19/23 17:00	05/27/23 10:26	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0041	0.00013	1	05/19/23 17:00	05/27/23 10:26	7421-93-4	
Endrin ketone	<b>0.000096</b> U	mg/kg	0.0021	0.000096	1	05/19/23 17:00	05/27/23 10:26	53494-70-5	
Heptachlor	<b>0.00022</b> U	mg/kg	0.0021	0.00022	1	05/19/23 17:00	05/27/23 10:26	76-44-8	
Heptachlor epoxide	<b>0.000089</b> U	mg/kg	0.0021	0.000089	1	05/19/23 17:00	05/27/23 10:26	1024-57-3	
Methoxychlor	<b>0.00030</b> U	mg/kg	0.0021	0.00030	1	05/19/23 17:00	05/27/23 10:26	72-43-5	J(CL)
Toxaphene	<b>0.0090</b> U	mg/kg	0.021	0.0090	1	05/19/23 17:00	05/27/23 10:26	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	109	%	53-140		1	05/19/23 17:00	05/27/23 10:26	877-09-8	
Decachlorobiphenyl (S)	91	%	43-157		1	05/19/23 17:00	05/27/23 10:26	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>48.8</b>	mg/kg	7.3	6.3	1	05/22/23 07:14	05/22/23 22:27		
<b>Surrogates</b>									
o-Terphenyl (S)	83	%	66-136		1	05/22/23 07:14	05/22/23 22:27	84-15-1	
N-Pentatriacontane (S)	88	%	42-159		1	05/22/23 07:14	05/22/23 22:27	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.46</b> U	mg/kg	0.92	0.46	1	05/20/23 10:47	05/22/23 14:54	7440-36-0	
Arsenic	<b>1.5</b>	mg/kg	0.61	0.31	1	05/20/23 10:47	05/22/23 14:54	7440-38-2	
Beryllium	<b>0.12</b>	mg/kg	0.061	0.011	1	05/20/23 10:47	05/22/23 14:54	7440-41-7	
Cadmium	<b>0.11</b>	mg/kg	0.061	0.031	1	05/20/23 10:47	05/22/23 14:54	7440-43-9	
Chromium	<b>8.2</b>	mg/kg	0.31	0.15	1	05/20/23 10:47	05/22/23 14:54	7440-47-3	
Copper	<b>1.5</b>	mg/kg	0.31	0.15	1	05/20/23 10:47	05/22/23 14:54	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-7 (0.5-2) Lab ID: 35800552016 Collected: 05/17/23 15:16 Received: 05/18/23 11:27 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							
Lead	1.2	mg/kg	0.61	0.31	1	05/20/23 10:47	05/22/23 14:54	7439-92-1	
Nickel	4.1	mg/kg	0.31	0.15	1	05/20/23 10:47	05/22/23 14:54	7440-02-0	
Selenium	0.46 I	mg/kg	0.92	0.46	1	05/20/23 10:47	05/22/23 14:54	7782-49-2	
Silver	0.067 U	mg/kg	0.31	0.067	1	05/20/23 10:47	05/22/23 14:54	7440-22-4	
Thallium	0.40 U	mg/kg	0.92	0.40	1	05/20/23 10:47	05/22/23 14:54	7440-28-0	
Zinc	2.2 I	mg/kg	6.1	2.2	1	05/20/23 10:47	05/22/23 14:54	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
		Pace Analytical Services - Ormond Beach							
Mercury	0.014	mg/kg	0.0094	0.0047	1	05/19/23 10:40	05/23/23 12:51	7439-97-6	
<b>8270 Solid PAH</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Acenaphthene	0.019 U	mg/kg	0.044	0.019	1	05/22/23 09:45	05/23/23 02:11	83-32-9	
Acenaphthylene	0.0064 U	mg/kg	0.041	0.0064	1	05/22/23 09:45	05/23/23 02:11	208-96-8	
Anthracene	0.0056 U	mg/kg	0.044	0.0056	1	05/22/23 09:45	05/23/23 02:11	120-12-7	
Benzo(a)anthracene	0.0055 U	mg/kg	0.041	0.0055	1	05/22/23 09:45	05/23/23 02:11	56-55-3	
Benzo(a)pyrene	0.010 U	mg/kg	0.041	0.010	1	05/22/23 09:45	05/23/23 02:11	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.041	0.011	1	05/22/23 09:45	05/23/23 02:11	205-99-2	
Benzo(g,h,i)perylene	0.010 U	mg/kg	0.041	0.010	1	05/22/23 09:45	05/23/23 02:11	191-24-2	
Benzo(k)fluoranthene	0.011 U	mg/kg	0.041	0.011	1	05/22/23 09:45	05/23/23 02:11	207-08-9	
Chrysene	0.0055 U	mg/kg	0.041	0.0055	1	05/22/23 09:45	05/23/23 02:11	218-01-9	
Dibenz(a,h)anthracene	0.0095 U	mg/kg	0.041	0.0095	1	05/22/23 09:45	05/23/23 02:11	53-70-3	
Fluoranthene	0.013 U	mg/kg	0.041	0.013	1	05/22/23 09:45	05/23/23 02:11	206-44-0	
Fluorene	0.015 U	mg/kg	0.045	0.015	1	05/22/23 09:45	05/23/23 02:11	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0094 U	mg/kg	0.041	0.0094	1	05/22/23 09:45	05/23/23 02:11	193-39-5	J(v2)
1-Methylnaphthalene	0.0068 U	mg/kg	0.049	0.0068	1	05/22/23 09:45	05/23/23 02:11	90-12-0	
2-Methylnaphthalene	0.0064 U	mg/kg	0.047	0.0064	1	05/22/23 09:45	05/23/23 02:11	91-57-6	
Naphthalene	0.015 U	mg/kg	0.043	0.015	1	05/22/23 09:45	05/23/23 02:11	91-20-3	
Phenanthrene	0.0058 U	mg/kg	0.041	0.0058	1	05/22/23 09:45	05/23/23 02:11	85-01-8	
Pyrene	0.0055 U	mg/kg	0.041	0.0055	1	05/22/23 09:45	05/23/23 02:11	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	64	%	24-98		1	05/22/23 09:45	05/23/23 02:11	4165-60-0	
2-Fluorobiphenyl (S)	75	%	29-101		1	05/22/23 09:45	05/23/23 02:11	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	05/22/23 09:45	05/23/23 02:11	1718-51-0	
<b>8260 MSV 5035</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035							
		Pace Analytical Services - Ormond Beach							
Acetone	0.0095 U	mg/kg	0.054	0.0095	1	05/22/23 08:02	05/22/23 14:29	67-64-1	
Benzene	0.0011 U	mg/kg	0.0054	0.0011	1	05/22/23 08:02	05/22/23 14:29	71-43-2	
Bromochloromethane	0.00079 U	mg/kg	0.0054	0.00079	1	05/22/23 08:02	05/22/23 14:29	74-97-5	
Bromodichloromethane	0.0012 U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/22/23 14:29	75-27-4	
Bromoform	0.0012 U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/22/23 14:29	75-25-2	
Bromomethane	0.0019 U	mg/kg	0.0054	0.0019	1	05/22/23 08:02	05/22/23 14:29	74-83-9	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-7 (0.5-2) Lab ID: 35800552016 Collected: 05/17/23 15:16 Received: 05/18/23 11:27 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							
2-Butanone (MEK)	<b>0.0054</b> U	mg/kg	0.054	0.0054	1	05/22/23 08:02	05/22/23 14:29	78-93-3	
Carbon disulfide	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/22/23 14:29	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/22/23 14:29	56-23-5	
Chlorobenzene	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/22/23 08:02	05/22/23 14:29	108-90-7	
Chloroethane	<b>0.0022</b> U	mg/kg	0.0054	0.0022	1	05/22/23 08:02	05/22/23 14:29	75-00-3	
Chloroform	<b>0.00090</b> U	mg/kg	0.0054	0.00090	1	05/22/23 08:02	05/22/23 14:29	67-66-3	
Chloromethane	<b>0.00095</b> U	mg/kg	0.0054	0.00095	1	05/22/23 08:02	05/22/23 14:29	74-87-3	
Dibromochloromethane	<b>0.00093</b> U	mg/kg	0.0054	0.00093	1	05/22/23 08:02	05/22/23 14:29	124-48-1	
Dibromomethane	<b>0.00076</b> U	mg/kg	0.0054	0.00076	1	05/22/23 08:02	05/22/23 14:29	74-95-3	
1,2-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0054	0.00081	1	05/22/23 08:02	05/22/23 14:29	95-50-1	
1,3-Dichlorobenzene	<b>0.00097</b> U	mg/kg	0.0054	0.00097	1	05/22/23 08:02	05/22/23 14:29	541-73-1	
1,4-Dichlorobenzene	<b>0.00072</b> U	mg/kg	0.0054	0.00072	1	05/22/23 08:02	05/22/23 14:29	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/22/23 14:29	110-57-6	
1,1-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/22/23 08:02	05/22/23 14:29	75-34-3	
1,2-Dichloroethane	<b>0.00082</b> U	mg/kg	0.0054	0.00082	1	05/22/23 08:02	05/22/23 14:29	107-06-2	
1,1-Dichloroethene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/22/23 14:29	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/22/23 14:29	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/22/23 08:02	05/22/23 14:29	156-60-5	
1,2-Dichloropropane	<b>0.00099</b> U	mg/kg	0.0054	0.00099	1	05/22/23 08:02	05/22/23 14:29	78-87-5	
1,3-Dichloropropene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/22/23 14:29	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/22/23 14:29	100-41-4	
2-Hexanone	<b>0.0054</b> U	mg/kg	0.027	0.0054	1	05/22/23 08:02	05/22/23 14:29	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/22/23 08:02	05/22/23 14:29	98-82-8	
Methylene Chloride	<b>0.0047</b> U	mg/kg	0.0054	0.0047	1	05/22/23 08:02	05/22/23 14:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0054</b> U	mg/kg	0.027	0.0054	1	05/22/23 08:02	05/22/23 14:29	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0054	0.0016	1	05/22/23 08:02	05/22/23 14:29	1634-04-4	J(v2)
Styrene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/22/23 14:29	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00065</b> U	mg/kg	0.0054	0.00065	1	05/22/23 08:02	05/22/23 14:29	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/22/23 14:29	127-18-4	
Toluene	<b>0.00087</b> U	mg/kg	0.0054	0.00087	1	05/22/23 08:02	05/22/23 14:29	108-88-3	
1,1,1-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/22/23 08:02	05/22/23 14:29	71-55-6	
1,1,2-Trichloroethane	<b>0.00063</b> U	mg/kg	0.0054	0.00063	1	05/22/23 08:02	05/22/23 14:29	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/22/23 14:29	79-01-6	
Trichlorofluoromethane	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/22/23 14:29	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/22/23 14:29	95-63-6	
Vinyl chloride	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/22/23 08:02	05/22/23 14:29	75-01-4	
Xylene (Total)	<b>0.0055</b> U	mg/kg	0.016	0.0055	1	05/22/23 08:02	05/22/23 14:29	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	68-125		1	05/22/23 08:02	05/22/23 14:29	460-00-4	
Toluene-d8 (S)	101	%	70-130		1	05/22/23 08:02	05/22/23 14:29	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	05/22/23 08:02	05/22/23 14:29	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

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Sample: SB-7 (0.5-2) Lab ID: 35800552016 Collected: 05/17/23 15:16 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>18.1</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-10 (0-0.5) Lab ID: 35800552017 Collected: 05/17/23 15:38 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00019</b> U	mg/kg	0.0019	0.00019	1	05/19/23 17:00	05/27/23 10:39	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0019	0.00011	1	05/19/23 17:00	05/27/23 10:39	319-84-6	
beta-BHC	<b>0.00023</b> U	mg/kg	0.0019	0.00023	1	05/19/23 17:00	05/27/23 10:39	319-85-7	
delta-BHC	<b>0.000099</b> U	mg/kg	0.0019	0.000099	1	05/19/23 17:00	05/27/23 10:39	319-86-8	
gamma-BHC (Lindane)	<b>0.000056</b> U	mg/kg	0.0019	0.000056	1	05/19/23 17:00	05/27/23 10:39	58-89-9	
Chlordane (Technical)	<b>0.0058</b> U	mg/kg	0.019	0.0058	1	05/19/23 17:00	05/27/23 10:39	57-74-9	
4,4'-DDD	<b>0.000086</b> U	mg/kg	0.0019	0.000086	1	05/19/23 17:00	05/27/23 10:39	72-54-8	J(CU)
4,4'-DDE	<b>0.000076</b> U	mg/kg	0.0019	0.000076	1	05/19/23 17:00	05/27/23 10:39	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0019	0.00012	1	05/19/23 17:00	05/27/23 10:39	50-29-3	J(CL)
Dieldrin	<b>0.000074</b> U	mg/kg	0.0019	0.000074	1	05/19/23 17:00	05/27/23 10:39	60-57-1	
Endosulfan I	<b>0.00022</b> U	mg/kg	0.0019	0.00022	1	05/19/23 17:00	05/27/23 10:39	959-98-8	
Endosulfan II	<b>0.000086</b> U	mg/kg	0.0019	0.000086	1	05/19/23 17:00	05/27/23 10:39	33213-65-9	
Endosulfan sulfate	<b>0.000076</b> U	mg/kg	0.0019	0.000076	1	05/19/23 17:00	05/27/23 10:39	1031-07-8	
Endrin	<b>0.00012</b> U	mg/kg	0.0019	0.00012	1	05/19/23 17:00	05/27/23 10:39	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0039	0.00013	1	05/19/23 17:00	05/27/23 10:39	7421-93-4	
Endrin ketone	<b>0.000090</b> U	mg/kg	0.0019	0.000090	1	05/19/23 17:00	05/27/23 10:39	53494-70-5	
Heptachlor	<b>0.00020</b> U	mg/kg	0.0019	0.00020	1	05/19/23 17:00	05/27/23 10:39	76-44-8	
Heptachlor epoxide	<b>0.000083</b> U	mg/kg	0.0019	0.000083	1	05/19/23 17:00	05/27/23 10:39	1024-57-3	
Methoxychlor	<b>0.00028</b> U	mg/kg	0.0019	0.00028	1	05/19/23 17:00	05/27/23 10:39	72-43-5	J(CL)
Toxaphene	<b>0.0084</b> U	mg/kg	0.019	0.0084	1	05/19/23 17:00	05/27/23 10:39	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	91	%	53-140		1	05/19/23 17:00	05/27/23 10:39	877-09-8	
Decachlorobiphenyl (S)	92	%	43-157		1	05/19/23 17:00	05/27/23 10:39	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>45.1</b>	mg/kg	6.8	5.9	1	05/22/23 07:14	05/22/23 22:41		
<b>Surrogates</b>									
o-Terphenyl (S)	84	%	66-136		1	05/22/23 07:14	05/22/23 22:41	84-15-1	
N-Pentatriacontane (S)	90	%	42-159		1	05/22/23 07:14	05/22/23 22:41	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.43</b> U	mg/kg	0.85	0.43	1	05/20/23 10:47	05/22/23 14:58	7440-36-0	
Arsenic	<b>1.5</b>	mg/kg	0.57	0.28	1	05/20/23 10:47	05/22/23 14:58	7440-38-2	
Beryllium	<b>0.12</b>	mg/kg	0.057	0.010	1	05/20/23 10:47	05/22/23 14:58	7440-41-7	
Cadmium	<b>0.050</b> I	mg/kg	0.057	0.028	1	05/20/23 10:47	05/22/23 14:58	7440-43-9	
Chromium	<b>7.4</b>	mg/kg	0.28	0.14	1	05/20/23 10:47	05/22/23 14:58	7440-47-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-10 (0-0.5) Lab ID: 35800552017 Collected: 05/17/23 15:38 Received: 05/18/23 11:27 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								
Copper	<b>0.91</b>	mg/kg	0.28	0.14	1	05/20/23 10:47	05/22/23 14:58	7440-50-8	
Lead	<b>1.0</b>	mg/kg	0.57	0.28	1	05/20/23 10:47	05/22/23 14:58	7439-92-1	
Nickel	<b>2.4</b>	mg/kg	0.28	0.14	1	05/20/23 10:47	05/22/23 14:58	7440-02-0	
Selenium	<b>0.63 I</b>	mg/kg	0.85	0.43	1	05/20/23 10:47	05/22/23 14:58	7782-49-2	
Silver	<b>0.063 U</b>	mg/kg	0.28	0.063	1	05/20/23 10:47	05/22/23 14:58	7440-22-4	
Thallium	<b>0.38 U</b>	mg/kg	0.85	0.38	1	05/20/23 10:47	05/22/23 14:58	7440-28-0	
Zinc	<b>2.2 I</b>	mg/kg	5.7	2.1	1	05/20/23 10:47	05/22/23 14:58	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.016</b>	mg/kg	0.0078	0.0039	1	05/19/23 10:40	05/23/23 12:53	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.018 U</b>	mg/kg	0.041	0.018	1	05/22/23 09:45	05/23/23 02:36	83-32-9	
Acenaphthylene	<b>0.0060 U</b>	mg/kg	0.038	0.0060	1	05/22/23 09:45	05/23/23 02:36	208-96-8	
Anthracene	<b>0.0052 U</b>	mg/kg	0.041	0.0052	1	05/22/23 09:45	05/23/23 02:36	120-12-7	
Benzo(a)anthracene	<b>0.0051 U</b>	mg/kg	0.038	0.0051	1	05/22/23 09:45	05/23/23 02:36	56-55-3	
Benzo(a)pyrene	<b>0.0095 U</b>	mg/kg	0.038	0.0095	1	05/22/23 09:45	05/23/23 02:36	50-32-8	
Benzo(b)fluoranthene	<b>0.010 U</b>	mg/kg	0.038	0.010	1	05/22/23 09:45	05/23/23 02:36	205-99-2	
Benzo(g,h,i)perylene	<b>0.0096 U</b>	mg/kg	0.038	0.0096	1	05/22/23 09:45	05/23/23 02:36	191-24-2	J(v2)
Benzo(k)fluoranthene	<b>0.010 U</b>	mg/kg	0.038	0.010	1	05/22/23 09:45	05/23/23 02:36	207-08-9	
Chrysene	<b>0.0051 U</b>	mg/kg	0.038	0.0051	1	05/22/23 09:45	05/23/23 02:36	218-01-9	
Dibenz(a,h)anthracene	<b>0.0088 U</b>	mg/kg	0.038	0.0088	1	05/22/23 09:45	05/23/23 02:36	53-70-3	
Fluoranthene	<b>0.012 U</b>	mg/kg	0.038	0.012	1	05/22/23 09:45	05/23/23 02:36	206-44-0	
Fluorene	<b>0.014 U</b>	mg/kg	0.042	0.014	1	05/22/23 09:45	05/23/23 02:36	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0087 U</b>	mg/kg	0.038	0.0087	1	05/22/23 09:45	05/23/23 02:36	193-39-5	J(v2)
1-Methylnaphthalene	<b>0.0063 U</b>	mg/kg	0.045	0.0063	1	05/22/23 09:45	05/23/23 02:36	90-12-0	
2-Methylnaphthalene	<b>0.0060 U</b>	mg/kg	0.044	0.0060	1	05/22/23 09:45	05/23/23 02:36	91-57-6	
Naphthalene	<b>0.014 U</b>	mg/kg	0.040	0.014	1	05/22/23 09:45	05/23/23 02:36	91-20-3	
Phenanthrene	<b>0.0054 U</b>	mg/kg	0.038	0.0054	1	05/22/23 09:45	05/23/23 02:36	85-01-8	
Pyrene	<b>0.0051 U</b>	mg/kg	0.038	0.0051	1	05/22/23 09:45	05/23/23 02:36	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	68	%	24-98		1	05/22/23 09:45	05/23/23 02:36	4165-60-0	
2-Fluorobiphenyl (S)	78	%	29-101		1	05/22/23 09:45	05/23/23 02:36	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	05/22/23 09:45	05/23/23 02:36	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.010 U</b>	mg/kg	0.058	0.010	1	05/22/23 08:02	05/22/23 14:51	67-64-1	
Benzene	<b>0.0012 U</b>	mg/kg	0.0058	0.0012	1	05/22/23 08:02	05/22/23 14:51	71-43-2	
Bromochloromethane	<b>0.00086 U</b>	mg/kg	0.0058	0.00086	1	05/22/23 08:02	05/22/23 14:51	74-97-5	
Bromodichloromethane	<b>0.0013 U</b>	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 14:51	75-27-4	
Bromoform	<b>0.0013 U</b>	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 14:51	75-25-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-10 (0-0.5) Lab ID: 35800552017 Collected: 05/17/23 15:38 Received: 05/18/23 11:27 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								
Bromomethane	<b>0.0021</b> U	mg/kg	0.0058	0.0021	1	05/22/23 08:02	05/22/23 14:51	74-83-9	
2-Butanone (MEK)	<b>0.0058</b> U	mg/kg	0.058	0.0058	1	05/22/23 08:02	05/22/23 14:51	78-93-3	
Carbon disulfide	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 14:51	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 14:51	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 14:51	108-90-7	
Chloroethane	<b>0.0024</b> U	mg/kg	0.0058	0.0024	1	05/22/23 08:02	05/22/23 14:51	75-00-3	
Chloroform	<b>0.00097</b> U	mg/kg	0.0058	0.00097	1	05/22/23 08:02	05/22/23 14:51	67-66-3	
Chloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/22/23 08:02	05/22/23 14:51	74-87-3	
Dibromochloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/22/23 08:02	05/22/23 14:51	124-48-1	
Dibromomethane	<b>0.00082</b> U	mg/kg	0.0058	0.00082	1	05/22/23 08:02	05/22/23 14:51	74-95-3	
1,2-Dichlorobenzene	<b>0.00088</b> U	mg/kg	0.0058	0.00088	1	05/22/23 08:02	05/22/23 14:51	95-50-1	
1,3-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 14:51	541-73-1	
1,4-Dichlorobenzene	<b>0.00078</b> U	mg/kg	0.0058	0.00078	1	05/22/23 08:02	05/22/23 14:51	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 14:51	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 14:51	75-34-3	
1,2-Dichloroethane	<b>0.00089</b> U	mg/kg	0.0058	0.00089	1	05/22/23 08:02	05/22/23 14:51	107-06-2	
1,1-Dichloroethene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 14:51	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 14:51	156-59-2	
trans-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/22/23 08:02	05/22/23 14:51	156-60-5	
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 14:51	78-87-5	
1,3-Dichloropropene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 14:51	542-75-6	
Ethylbenzene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 14:51	100-41-4	
2-Hexanone	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/22/23 08:02	05/22/23 14:51	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/22/23 08:02	05/22/23 14:51	98-82-8	
Methylene Chloride	<b>0.0051</b> U	mg/kg	0.0058	0.0051	1	05/22/23 08:02	05/22/23 14:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/22/23 08:02	05/22/23 14:51	108-10-1	
Methyl-tert-butyl ether	<b>0.0017</b> U	mg/kg	0.0058	0.0017	1	05/22/23 08:02	05/22/23 14:51	1634-04-4	J(v2)
Styrene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 14:51	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00071</b> U	mg/kg	0.0058	0.00071	1	05/22/23 08:02	05/22/23 14:51	79-34-5	
Tetrachloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 14:51	127-18-4	
Toluene	<b>0.00094</b> U	mg/kg	0.0058	0.00094	1	05/22/23 08:02	05/22/23 14:51	108-88-3	
1,1,1-Trichloroethane	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/22/23 08:02	05/22/23 14:51	71-55-6	
1,1,2-Trichloroethane	<b>0.00068</b> U	mg/kg	0.0058	0.00068	1	05/22/23 08:02	05/22/23 14:51	79-00-5	
Trichloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 14:51	79-01-6	
Trichlorofluoromethane	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 14:51	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 14:51	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 14:51	75-01-4	
Xylene (Total)	<b>0.0060</b> U	mg/kg	0.017	0.0060	1	05/22/23 08:02	05/22/23 14:51	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	116	%	68-125		1	05/22/23 08:02	05/22/23 14:51	460-00-4	
Toluene-d8 (S)	99	%	70-130		1	05/22/23 08:02	05/22/23 14:51	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	05/22/23 08:02	05/22/23 14:51	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-10 (0-0.5)      Lab ID: 35800552017      Collected: 05/17/23 15:38      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>12.0</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-10 (0.5-2) Lab ID: 35800552018 Collected: 05/17/23 15:42 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00020</b> U	mg/kg	0.0020	0.00020	1	05/19/23 17:00	05/27/23 10:52	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0020	0.00011	1	05/19/23 17:00	05/27/23 10:52	319-84-6	
beta-BHC	<b>0.00024</b> U	mg/kg	0.0020	0.00024	1	05/19/23 17:00	05/27/23 10:52	319-85-7	
delta-BHC	<b>0.00010</b> U	mg/kg	0.0020	0.00010	1	05/19/23 17:00	05/27/23 10:52	319-86-8	
gamma-BHC (Lindane)	<b>0.000057</b> U	mg/kg	0.0020	0.000057	1	05/19/23 17:00	05/27/23 10:52	58-89-9	
Chlordane (Technical)	<b>0.0060</b> U	mg/kg	0.020	0.0060	1	05/19/23 17:00	05/27/23 10:52	57-74-9	
4,4'-DDD	<b>0.000089</b> U	mg/kg	0.0020	0.000089	1	05/19/23 17:00	05/27/23 10:52	72-54-8	J(CU)
4,4'-DDE	<b>0.000079</b> U	mg/kg	0.0020	0.000079	1	05/19/23 17:00	05/27/23 10:52	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0020	0.00012	1	05/19/23 17:00	05/27/23 10:52	50-29-3	J(CL)
Dieldrin	<b>0.000076</b> U	mg/kg	0.0020	0.000076	1	05/19/23 17:00	05/27/23 10:52	60-57-1	
Endosulfan I	<b>0.00022</b> U	mg/kg	0.0020	0.00022	1	05/19/23 17:00	05/27/23 10:52	959-98-8	
Endosulfan II	<b>0.000089</b> U	mg/kg	0.0020	0.000089	1	05/19/23 17:00	05/27/23 10:52	33213-65-9	
Endosulfan sulfate	<b>0.000079</b> U	mg/kg	0.0020	0.000079	1	05/19/23 17:00	05/27/23 10:52	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0020	0.00013	1	05/19/23 17:00	05/27/23 10:52	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0040	0.00013	1	05/19/23 17:00	05/27/23 10:52	7421-93-4	
Endrin ketone	<b>0.000093</b> U	mg/kg	0.0020	0.000093	1	05/19/23 17:00	05/27/23 10:52	53494-70-5	
Heptachlor	<b>0.00021</b> U	mg/kg	0.0020	0.00021	1	05/19/23 17:00	05/27/23 10:52	76-44-8	
Heptachlor epoxide	<b>0.000086</b> U	mg/kg	0.0020	0.000086	1	05/19/23 17:00	05/27/23 10:52	1024-57-3	
Methoxychlor	<b>0.00029</b> U	mg/kg	0.0020	0.00029	1	05/19/23 17:00	05/27/23 10:52	72-43-5	J(CL)
Toxaphene	<b>0.0086</b> U	mg/kg	0.020	0.0086	1	05/19/23 17:00	05/27/23 10:52	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	102	%	53-140		1	05/19/23 17:00	05/27/23 10:52	877-09-8	
Decachlorobiphenyl (S)	93	%	43-157		1	05/19/23 17:00	05/27/23 10:52	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>38.1</b>	mg/kg	7.0	6.0	1	05/22/23 07:14	05/22/23 22:54		
<b>Surrogates</b>									
o-Terphenyl (S)	85	%	66-136		1	05/22/23 07:14	05/22/23 22:54	84-15-1	
N-Pentatriacontane (S)	91	%	42-159		1	05/22/23 07:14	05/22/23 22:54	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.48</b> U	mg/kg	0.96	0.48	1	05/20/23 11:42	05/23/23 04:23	7440-36-0	J(M1)
Arsenic	<b>1.1</b>	mg/kg	0.64	0.32	1	05/20/23 11:42	05/23/23 04:23	7440-38-2	
Beryllium	<b>0.099</b>	mg/kg	0.064	0.011	1	05/20/23 11:42	05/23/23 04:23	7440-41-7	
Cadmium	<b>0.044</b> I	mg/kg	0.064	0.032	1	05/20/23 11:42	05/23/23 04:23	7440-43-9	
Chromium	<b>7.4</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 04:23	7440-47-3	
Copper	<b>1.2</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 04:23	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-10 (0.5-2) Lab ID: 35800552018 Collected: 05/17/23 15:42 Received: 05/18/23 11:27 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								
Lead	1.2	mg/kg	0.64	0.32	1	05/20/23 11:42	05/23/23 04:23	7439-92-1	
Nickel	2.4	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 04:23	7440-02-0	
Selenium	0.51 I	mg/kg	0.96	0.48	1	05/20/23 11:42	05/23/23 04:23	7782-49-2	
Silver	0.071 U	mg/kg	0.32	0.071	1	05/20/23 11:42	05/23/23 04:23	7440-22-4	J(M1)
Thallium	0.42 U	mg/kg	0.96	0.42	1	05/20/23 11:42	05/23/23 04:23	7440-28-0	
Zinc	2.3 U	mg/kg	6.4	2.3	1	05/20/23 11:42	05/23/23 04:23	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	0.019	mg/kg	0.011	0.0055	1	05/19/23 10:40	05/23/23 13:00	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	0.019 U	mg/kg	0.042	0.019	1	05/22/23 09:45	05/23/23 03:01	83-32-9	
Acenaphthylene	0.0062 U	mg/kg	0.040	0.0062	1	05/22/23 09:45	05/23/23 03:01	208-96-8	
Anthracene	0.0054 U	mg/kg	0.042	0.0054	1	05/22/23 09:45	05/23/23 03:01	120-12-7	
Benzo(a)anthracene	0.0053 U	mg/kg	0.040	0.0053	1	05/22/23 09:45	05/23/23 03:01	56-55-3	
Benzo(a)pyrene	0.0098 U	mg/kg	0.040	0.0098	1	05/22/23 09:45	05/23/23 03:01	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.040	0.011	1	05/22/23 09:45	05/23/23 03:01	205-99-2	
Benzo(g,h,i)perylene	0.0099 U	mg/kg	0.040	0.0099	1	05/22/23 09:45	05/23/23 03:01	191-24-2	J(v2)
Benzo(k)fluoranthene	0.011 U	mg/kg	0.040	0.011	1	05/22/23 09:45	05/23/23 03:01	207-08-9	
Chrysene	0.0053 U	mg/kg	0.040	0.0053	1	05/22/23 09:45	05/23/23 03:01	218-01-9	
Dibenz(a,h)anthracene	0.0091 U	mg/kg	0.040	0.0091	1	05/22/23 09:45	05/23/23 03:01	53-70-3	
Fluoranthene	0.013 U	mg/kg	0.040	0.013	1	05/22/23 09:45	05/23/23 03:01	206-44-0	
Fluorene	0.014 U	mg/kg	0.043	0.014	1	05/22/23 09:45	05/23/23 03:01	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0090 U	mg/kg	0.040	0.0090	1	05/22/23 09:45	05/23/23 03:01	193-39-5	J(v2)
1-Methylnaphthalene	0.0065 U	mg/kg	0.047	0.0065	1	05/22/23 09:45	05/23/23 03:01	90-12-0	
2-Methylnaphthalene	0.0062 U	mg/kg	0.046	0.0062	1	05/22/23 09:45	05/23/23 03:01	91-57-6	
Naphthalene	0.014 U	mg/kg	0.041	0.014	1	05/22/23 09:45	05/23/23 03:01	91-20-3	
Phenanthrene	0.0056 U	mg/kg	0.040	0.0056	1	05/22/23 09:45	05/23/23 03:01	85-01-8	
Pyrene	0.0053 U	mg/kg	0.040	0.0053	1	05/22/23 09:45	05/23/23 03:01	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	66	%	24-98		1	05/22/23 09:45	05/23/23 03:01	4165-60-0	
2-Fluorobiphenyl (S)	75	%	29-101		1	05/22/23 09:45	05/23/23 03:01	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	05/22/23 09:45	05/23/23 03:01	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	0.010 U	mg/kg	0.058	0.010	1	05/22/23 08:02	05/22/23 15:13	67-64-1	
Benzene	0.0012 U	mg/kg	0.0058	0.0012	1	05/22/23 08:02	05/22/23 15:13	71-43-2	
Bromochloromethane	0.00086 U	mg/kg	0.0058	0.00086	1	05/22/23 08:02	05/22/23 15:13	74-97-5	
Bromodichloromethane	0.0013 U	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 15:13	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 15:13	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0058	0.0021	1	05/22/23 08:02	05/22/23 15:13	74-83-9	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-10 (0.5-2) Lab ID: 35800552018 Collected: 05/17/23 15:42 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0058</b> U	mg/kg	0.058	0.0058	1	05/22/23 08:02	05/22/23 15:13	78-93-3	
Carbon disulfide	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 15:13	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 15:13	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 15:13	108-90-7	
Chloroethane	<b>0.0024</b> U	mg/kg	0.0058	0.0024	1	05/22/23 08:02	05/22/23 15:13	75-00-3	
Chloroform	<b>0.00097</b> U	mg/kg	0.0058	0.00097	1	05/22/23 08:02	05/22/23 15:13	67-66-3	
Chloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/22/23 08:02	05/22/23 15:13	74-87-3	
Dibromochloromethane	<b>0.0010</b> U	mg/kg	0.0058	0.0010	1	05/22/23 08:02	05/22/23 15:13	124-48-1	
Dibromomethane	<b>0.00082</b> U	mg/kg	0.0058	0.00082	1	05/22/23 08:02	05/22/23 15:13	74-95-3	
1,2-Dichlorobenzene	<b>0.00088</b> U	mg/kg	0.0058	0.00088	1	05/22/23 08:02	05/22/23 15:13	95-50-1	
1,3-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 15:13	541-73-1	
1,4-Dichlorobenzene	<b>0.00077</b> U	mg/kg	0.0058	0.00077	1	05/22/23 08:02	05/22/23 15:13	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 15:13	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 15:13	75-34-3	
1,2-Dichloroethane	<b>0.00089</b> U	mg/kg	0.0058	0.00089	1	05/22/23 08:02	05/22/23 15:13	107-06-2	
1,1-Dichloroethene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 15:13	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 15:13	156-59-2	
trans-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/22/23 08:02	05/22/23 15:13	156-60-5	
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 15:13	78-87-5	
1,3-Dichloropropene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 15:13	542-75-6	
Ethylbenzene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 15:13	100-41-4	
2-Hexanone	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/22/23 08:02	05/22/23 15:13	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/22/23 08:02	05/22/23 15:13	98-82-8	
Methylene Chloride	<b>0.0051</b> U	mg/kg	0.0058	0.0051	1	05/22/23 08:02	05/22/23 15:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0058</b> U	mg/kg	0.029	0.0058	1	05/22/23 08:02	05/22/23 15:13	108-10-1	
Methyl-tert-butyl ether	<b>0.0017</b> U	mg/kg	0.0058	0.0017	1	05/22/23 08:02	05/22/23 15:13	1634-04-4	J(v2)
Styrene	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 15:13	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00070</b> U	mg/kg	0.0058	0.00070	1	05/22/23 08:02	05/22/23 15:13	79-34-5	
Tetrachloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 15:13	127-18-4	
Toluene	<b>0.00094</b> U	mg/kg	0.0058	0.00094	1	05/22/23 08:02	05/22/23 15:13	108-88-3	
1,1,2-Trichloroethane	<b>0.0015</b> U	mg/kg	0.0058	0.0015	1	05/22/23 08:02	05/22/23 15:13	71-55-6	
1,1,2-Trichloroethane	<b>0.00068</b> U	mg/kg	0.0058	0.00068	1	05/22/23 08:02	05/22/23 15:13	79-00-5	
Trichloroethene	<b>0.0014</b> U	mg/kg	0.0058	0.0014	1	05/22/23 08:02	05/22/23 15:13	79-01-6	
Trichlorofluoromethane	<b>0.0029</b> U	mg/kg	0.0058	0.0029	1	05/22/23 08:02	05/22/23 15:13	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0058	0.0013	1	05/22/23 08:02	05/22/23 15:13	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0058	0.0011	1	05/22/23 08:02	05/22/23 15:13	75-01-4	
Xylene (Total)	<b>0.0059</b> U	mg/kg	0.017	0.0059	1	05/22/23 08:02	05/22/23 15:13	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	68-125		1	05/22/23 08:02	05/22/23 15:13	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	05/22/23 08:02	05/22/23 15:13	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1	05/22/23 08:02	05/22/23 15:13	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-10 (0.5-2)      Lab ID: 35800552018      Collected: 05/17/23 15:42      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>14.8</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-11 (0-0.5) Lab ID: 35800552019 Collected: 05/17/23 12:41 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00020</b> U	mg/kg	0.0020	0.00020	1	05/19/23 17:00	05/27/23 11:05	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0020	0.00011	1	05/19/23 17:00	05/27/23 11:05	319-84-6	
beta-BHC	<b>0.00024</b> U	mg/kg	0.0020	0.00024	1	05/19/23 17:00	05/27/23 11:05	319-85-7	
delta-BHC	<b>0.00010</b> U	mg/kg	0.0020	0.00010	1	05/19/23 17:00	05/27/23 11:05	319-86-8	
gamma-BHC (Lindane)	<b>0.000058</b> U	mg/kg	0.0020	0.000058	1	05/19/23 17:00	05/27/23 11:05	58-89-9	
Chlordane (Technical)	<b>0.0060</b> U	mg/kg	0.020	0.0060	1	05/19/23 17:00	05/27/23 11:05	57-74-9	J(CL)
4,4'-DDD	<b>0.000090</b> U	mg/kg	0.0020	0.000090	1	05/19/23 17:00	05/27/23 11:05	72-54-8	J(CU)
4,4'-DDE	<b>0.000079</b> U	mg/kg	0.0020	0.000079	1	05/19/23 17:00	05/27/23 11:05	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0020	0.00012	1	05/19/23 17:00	05/27/23 11:05	50-29-3	J(CL)
Dieldrin	<b>0.000077</b> U	mg/kg	0.0020	0.000077	1	05/19/23 17:00	05/27/23 11:05	60-57-1	
Endosulfan I	<b>0.00022</b> U	mg/kg	0.0020	0.00022	1	05/19/23 17:00	05/27/23 11:05	959-98-8	
Endosulfan II	<b>0.000090</b> U	mg/kg	0.0020	0.000090	1	05/19/23 17:00	05/27/23 11:05	33213-65-9	
Endosulfan sulfate	<b>0.000079</b> U	mg/kg	0.0020	0.000079	1	05/19/23 17:00	05/27/23 11:05	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0020	0.00013	1	05/19/23 17:00	05/27/23 11:05	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0040	0.00013	1	05/19/23 17:00	05/27/23 11:05	7421-93-4	
Endrin ketone	<b>0.000093</b> U	mg/kg	0.0020	0.000093	1	05/19/23 17:00	05/27/23 11:05	53494-70-5	
Heptachlor	<b>0.00021</b> U	mg/kg	0.0020	0.00021	1	05/19/23 17:00	05/27/23 11:05	76-44-8	
Heptachlor epoxide	<b>0.000086</b> U	mg/kg	0.0020	0.000086	1	05/19/23 17:00	05/27/23 11:05	1024-57-3	
Methoxychlor	<b>0.00030</b> U	mg/kg	0.0020	0.00030	1	05/19/23 17:00	05/27/23 11:05	72-43-5	J(CL)
Toxaphene	<b>0.0087</b> U	mg/kg	0.020	0.0087	1	05/19/23 17:00	05/27/23 11:05	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	80	%	53-140		1	05/19/23 17:00	05/27/23 11:05	877-09-8	
Decachlorobiphenyl (S)	74	%	43-157		1	05/19/23 17:00	05/27/23 11:05	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>40.0</b>	mg/kg	7.1	6.1	1	05/22/23 07:14	05/22/23 23:07		
<b>Surrogates</b>									
o-Terphenyl (S)	72	%	66-136		1	05/22/23 07:14	05/22/23 23:07	84-15-1	
N-Pentatriacontane (S)	74	%	42-159		1	05/22/23 07:14	05/22/23 23:07	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.54</b> U	mg/kg	1.1	0.54	1	05/20/23 11:42	05/23/23 04:38	7440-36-0	
Arsenic	<b>4.0</b>	mg/kg	0.72	0.36	1	05/20/23 11:42	05/23/23 04:38	7440-38-2	
Beryllium	<b>0.12</b>	mg/kg	0.072	0.013	1	05/20/23 11:42	05/23/23 04:38	7440-41-7	
Cadmium	<b>0.096</b>	mg/kg	0.072	0.036	1	05/20/23 11:42	05/23/23 04:38	7440-43-9	
Chromium	<b>7.3</b>	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 04:38	7440-47-3	
Copper	<b>1.2</b>	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 04:38	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-11 (0-0.5) Lab ID: 35800552019 Collected: 05/17/23 12:41 Received: 05/18/23 11:27 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							
Lead	1.6	mg/kg	0.72	0.36	1	05/20/23 11:42	05/23/23 04:38	7439-92-1	
Nickel	4.5	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 04:38	7440-02-0	
Selenium	0.54 U	mg/kg	1.1	0.54	1	05/20/23 11:42	05/23/23 04:38	7782-49-2	
Silver	0.079 U	mg/kg	0.36	0.079	1	05/20/23 11:42	05/23/23 04:38	7440-22-4	
Thallium	0.48 U	mg/kg	1.1	0.48	1	05/20/23 11:42	05/23/23 04:38	7440-28-0	
Zinc	2.6 U	mg/kg	7.2	2.6	1	05/20/23 11:42	05/23/23 04:38	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach							
Mercury	0.025	mg/kg	0.0098	0.0049	1	05/19/23 10:40	05/23/23 13:02	7439-97-6	
<b>8270 Solid PAH</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Acenaphthene	0.037 U	mg/kg	0.084	0.037	1	05/22/23 09:45	05/23/23 03:26	83-32-9	P1
Acenaphthylene	0.012 U	mg/kg	0.079	0.012	1	05/22/23 09:45	05/23/23 03:26	208-96-8	P1
Anthracene	0.011 U	mg/kg	0.084	0.011	1	05/22/23 09:45	05/23/23 03:26	120-12-7	P1
Benzo(a)anthracene	0.010 U	mg/kg	0.079	0.010	1	05/22/23 09:45	05/23/23 03:26	56-55-3	P1
Benzo(a)pyrene	0.020 U	mg/kg	0.079	0.020	1	05/22/23 09:45	05/23/23 03:26	50-32-8	P1
Benzo(b)fluoranthene	0.021 U	mg/kg	0.079	0.021	1	05/22/23 09:45	05/23/23 03:26	205-99-2	P1
Benzo(g,h,i)perylene	0.020 U	mg/kg	0.079	0.020	1	05/22/23 09:45	05/23/23 03:26	191-24-2	J(v2),P1
Benzo(k)fluoranthene	0.021 U	mg/kg	0.079	0.021	1	05/22/23 09:45	05/23/23 03:26	207-08-9	P1
Chrysene	0.010 U	mg/kg	0.079	0.010	1	05/22/23 09:45	05/23/23 03:26	218-01-9	P1
Dibenz(a,h)anthracene	0.018 U	mg/kg	0.079	0.018	1	05/22/23 09:45	05/23/23 03:26	53-70-3	P1
Fluoranthene	0.026 U	mg/kg	0.079	0.026	1	05/22/23 09:45	05/23/23 03:26	206-44-0	P1
Fluorene	0.028 U	mg/kg	0.086	0.028	1	05/22/23 09:45	05/23/23 03:26	86-73-7	P1
Indeno(1,2,3-cd)pyrene	0.018 U	mg/kg	0.079	0.018	1	05/22/23 09:45	05/23/23 03:26	193-39-5	J(v2),P1
1-Methylnaphthalene	0.013 U	mg/kg	0.093	0.013	1	05/22/23 09:45	05/23/23 03:26	90-12-0	P1
2-Methylnaphthalene	0.012 U	mg/kg	0.091	0.012	1	05/22/23 09:45	05/23/23 03:26	91-57-6	P1
Naphthalene	0.028 U	mg/kg	0.081	0.028	1	05/22/23 09:45	05/23/23 03:26	91-20-3	P1
Phenanthrene	0.011 U	mg/kg	0.079	0.011	1	05/22/23 09:45	05/23/23 03:26	85-01-8	P1
Pyrene	0.010 U	mg/kg	0.079	0.010	1	05/22/23 09:45	05/23/23 03:26	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	65	%	24-98		1	05/22/23 09:45	05/23/23 03:26	4165-60-0	
2-Fluorobiphenyl (S)	75	%	29-101		1	05/22/23 09:45	05/23/23 03:26	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	05/22/23 09:45	05/23/23 03:26	1718-51-0	
<b>8260 MSV 5035</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach							
Acetone	0.014 U	mg/kg	0.077	0.014	1	05/22/23 08:02	05/22/23 15:35	67-64-1	
Benzene	0.0015 U	mg/kg	0.0077	0.0015	1	05/22/23 08:02	05/22/23 15:35	71-43-2	
Bromochloromethane	0.0011 U	mg/kg	0.0077	0.0011	1	05/22/23 08:02	05/22/23 15:35	74-97-5	
Bromodichloromethane	0.0017 U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/22/23 15:35	75-27-4	
Bromoform	0.0017 U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/22/23 15:35	75-25-2	
Bromomethane	0.0028 U	mg/kg	0.0077	0.0028	1	05/22/23 08:02	05/22/23 15:35	74-83-9	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-11 (0-0.5) Lab ID: 35800552019 Collected: 05/17/23 12:41 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0077</b> U	mg/kg	0.077	0.0077	1	05/22/23 08:02	05/22/23 15:35	78-93-3	
Carbon disulfide	<b>0.0039</b> U	mg/kg	0.0077	0.0039	1	05/22/23 08:02	05/22/23 15:35	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/22/23 15:35	56-23-5	
Chlorobenzene	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/22/23 15:35	108-90-7	
Chloroethane	<b>0.0032</b> U	mg/kg	0.0077	0.0032	1	05/22/23 08:02	05/22/23 15:35	75-00-3	
Chloroform	<b>0.0013</b> U	mg/kg	0.0077	0.0013	1	05/22/23 08:02	05/22/23 15:35	67-66-3	
Chloromethane	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/22/23 15:35	74-87-3	
Dibromochloromethane	<b>0.0013</b> U	mg/kg	0.0077	0.0013	1	05/22/23 08:02	05/22/23 15:35	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0077	0.0011	1	05/22/23 08:02	05/22/23 15:35	74-95-3	
1,2-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0077	0.0012	1	05/22/23 08:02	05/22/23 15:35	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/22/23 15:35	541-73-1	
1,4-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0077	0.0010	1	05/22/23 08:02	05/22/23 15:35	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/22/23 15:35	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0077	0.0015	1	05/22/23 08:02	05/22/23 15:35	75-34-3	
1,2-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0077	0.0012	1	05/22/23 08:02	05/22/23 15:35	107-06-2	
1,1-Dichloroethene	<b>0.0039</b> U	mg/kg	0.0077	0.0039	1	05/22/23 08:02	05/22/23 15:35	75-35-4	
cis-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/22/23 15:35	156-59-2	
trans-1,2-Dichloroethene	<b>0.0020</b> U	mg/kg	0.0077	0.0020	1	05/22/23 08:02	05/22/23 15:35	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/22/23 15:35	78-87-5	
1,3-Dichloropropene	<b>0.0039</b> U	mg/kg	0.0077	0.0039	1	05/22/23 08:02	05/22/23 15:35	542-75-6	
Ethylbenzene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/22/23 15:35	100-41-4	
2-Hexanone	<b>0.0077</b> U	mg/kg	0.039	0.0077	1	05/22/23 08:02	05/22/23 15:35	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0020</b> U	mg/kg	0.0077	0.0020	1	05/22/23 08:02	05/22/23 15:35	98-82-8	
Methylene Chloride	<b>0.0068</b> U	mg/kg	0.0077	0.0068	1	05/22/23 08:02	05/22/23 15:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0077</b> U	mg/kg	0.039	0.0077	1	05/22/23 08:02	05/22/23 15:35	108-10-1	
Methyl-tert-butyl ether	<b>0.0023</b> U	mg/kg	0.0077	0.0023	1	05/22/23 08:02	05/22/23 15:35	1634-04-4	J(v2)
Styrene	<b>0.0039</b> U	mg/kg	0.0077	0.0039	1	05/22/23 08:02	05/22/23 15:35	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00094</b> U	mg/kg	0.0077	0.00094	1	05/22/23 08:02	05/22/23 15:35	79-34-5	
Tetrachloroethene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/22/23 15:35	127-18-4	
Toluene	<b>0.0012</b> U	mg/kg	0.0077	0.0012	1	05/22/23 08:02	05/22/23 15:35	108-88-3	
1,1,2-Trichloroethane	<b>0.0020</b> U	mg/kg	0.0077	0.0020	1	05/22/23 08:02	05/22/23 15:35	71-55-6	
1,1,2-Trichloroethane	<b>0.00091</b> U	mg/kg	0.0077	0.00091	1	05/22/23 08:02	05/22/23 15:35	79-00-5	
Trichloroethene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/22/23 15:35	79-01-6	
Trichlorofluoromethane	<b>0.0039</b> U	mg/kg	0.0077	0.0039	1	05/22/23 08:02	05/22/23 15:35	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0017</b> U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/22/23 15:35	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/22/23 15:35	75-01-4	
Xylene (Total)	<b>0.0079</b> U	mg/kg	0.023	0.0079	1	05/22/23 08:02	05/22/23 15:35	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	112	%	68-125		1	05/22/23 08:02	05/22/23 15:35	460-00-4	
Toluene-d8 (S)	98	%	70-130		1	05/22/23 08:02	05/22/23 15:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	05/22/23 08:02	05/22/23 15:35	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-11 (0-0.5)      Lab ID: 35800552019      Collected: 05/17/23 12:41      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	15.3	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-11 (0.5-2) Lab ID: 35800552020 Collected: 05/17/23 12:45 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00078 U</b>	mg/kg	0.0078	0.00078	1	05/19/23 17:00	05/27/23 11:19	309-00-2	P1
alpha-BHC	<b>0.00043 U</b>	mg/kg	0.0078	0.00043	1	05/19/23 17:00	05/27/23 11:19	319-84-6	P1
beta-BHC	<b>0.00094 U</b>	mg/kg	0.0078	0.00094	1	05/19/23 17:00	05/27/23 11:19	319-85-7	P1
delta-BHC	<b>0.00040 U</b>	mg/kg	0.0078	0.00040	1	05/19/23 17:00	05/27/23 11:19	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00023 U</b>	mg/kg	0.0078	0.00023	1	05/19/23 17:00	05/27/23 11:19	58-89-9	P1
Chlordane (Technical)	<b>0.023 U</b>	mg/kg	0.078	0.023	1	05/19/23 17:00	05/27/23 11:19	57-74-9	P1
4,4'-DDD	<b>0.00035 U</b>	mg/kg	0.0078	0.00035	1	05/19/23 17:00	05/27/23 11:19	72-54-8	J(CU), P1
4,4'-DDE	<b>0.00031 U</b>	mg/kg	0.0078	0.00031	1	05/19/23 17:00	05/27/23 11:19	72-55-9	P1
4,4'-DDT	<b>0.00047 U</b>	mg/kg	0.0078	0.00047	1	05/19/23 17:00	05/27/23 11:19	50-29-3	J(CL), P1
Dieldrin	<b>0.00030 U</b>	mg/kg	0.0078	0.00030	1	05/19/23 17:00	05/27/23 11:19	60-57-1	P1
Endosulfan I	<b>0.00087 U</b>	mg/kg	0.0078	0.00087	1	05/19/23 17:00	05/27/23 11:19	959-98-8	P1
Endosulfan II	<b>0.00035 U</b>	mg/kg	0.0078	0.00035	1	05/19/23 17:00	05/27/23 11:19	33213-65-9	P1
Endosulfan sulfate	<b>0.00031 U</b>	mg/kg	0.0078	0.00031	1	05/19/23 17:00	05/27/23 11:19	1031-07-8	P1
Endrin	<b>0.00049 U</b>	mg/kg	0.0078	0.00049	1	05/19/23 17:00	05/27/23 11:19	72-20-8	P1
Endrin aldehyde	<b>0.00051 U</b>	mg/kg	0.016	0.00051	1	05/19/23 17:00	05/27/23 11:19	7421-93-4	P1
Endrin ketone	<b>0.00036 U</b>	mg/kg	0.0078	0.00036	1	05/19/23 17:00	05/27/23 11:19	53494-70-5	P1
Heptachlor	<b>0.00083 U</b>	mg/kg	0.0078	0.00083	1	05/19/23 17:00	05/27/23 11:19	76-44-8	P1
Heptachlor epoxide	<b>0.00034 U</b>	mg/kg	0.0078	0.00034	1	05/19/23 17:00	05/27/23 11:19	1024-57-3	P1
Methoxychlor	<b>0.0012 U</b>	mg/kg	0.0078	0.0012	1	05/19/23 17:00	05/27/23 11:19	72-43-5	J(CL), P1
Toxaphene	<b>0.034 U</b>	mg/kg	0.078	0.034	1	05/19/23 17:00	05/27/23 11:19	8001-35-2	J(CL), P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	114	%	53-140		1	05/19/23 17:00	05/27/23 11:19	877-09-8	
Decachlorobiphenyl (S)	97	%	43-157		1	05/19/23 17:00	05/27/23 11:19	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>11.6 U</b>	mg/kg	13.5	11.6	1	05/22/23 07:14	05/22/23 23:34		P1
<b>Surrogates</b>									
o-Terphenyl (S)	83	%	66-136		1	05/22/23 07:14	05/22/23 23:34	84-15-1	
N-Pentatriacontane (S)	89	%	42-159		1	05/22/23 07:14	05/22/23 23:34	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.47 U</b>	mg/kg	0.95	0.47	1	05/20/23 11:42	05/23/23 04:42	7440-36-0	
Arsenic	<b>1.3</b>	mg/kg	0.63	0.32	1	05/20/23 11:42	05/23/23 04:42	7440-38-2	
Beryllium	<b>0.093</b>	mg/kg	0.063	0.011	1	05/20/23 11:42	05/23/23 04:42	7440-41-7	
Cadmium	<b>0.039 I</b>	mg/kg	0.063	0.032	1	05/20/23 11:42	05/23/23 04:42	7440-43-9	
Chromium	<b>5.2</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 04:42	7440-47-3	
Copper	<b>2.1</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 04:42	7440-50-8	
Lead	<b>1.3</b>	mg/kg	0.63	0.32	1	05/20/23 11:42	05/23/23 04:42	7439-92-1	
Nickel	<b>2.4</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 04:42	7440-02-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-11 (0.5-2) Lab ID: 35800552020 Collected: 05/17/23 12:45 Received: 05/18/23 11:27 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								
Selenium	<b>0.69 I</b>	mg/kg	0.95	0.47	1	05/20/23 11:42	05/23/23 04:42	7782-49-2	
Silver	<b>0.069 U</b>	mg/kg	0.32	0.069	1	05/20/23 11:42	05/23/23 04:42	7440-22-4	
Thallium	<b>0.42 U</b>	mg/kg	0.95	0.42	1	05/20/23 11:42	05/23/23 04:42	7440-28-0	
Zinc	<b>2.3 U</b>	mg/kg	6.3	2.3	1	05/20/23 11:42	05/23/23 04:42	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.015</b>	mg/kg	0.013	0.0067	1	05/19/23 10:40	05/23/23 13:04	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.12 U</b>	mg/kg	0.27	0.12	1	05/22/23 09:45	05/23/23 03:51	83-32-9	P1
Acenaphthylene	<b>0.039 U</b>	mg/kg	0.25	0.039	1	05/22/23 09:45	05/23/23 03:51	208-96-8	P1
Anthracene	<b>0.034 U</b>	mg/kg	0.27	0.034	1	05/22/23 09:45	05/23/23 03:51	120-12-7	P1
Benzo(a)anthracene	<b>0.033 U</b>	mg/kg	0.25	0.033	1	05/22/23 09:45	05/23/23 03:51	56-55-3	P1
Benzo(a)pyrene	<b>0.062 U</b>	mg/kg	0.25	0.062	1	05/22/23 09:45	05/23/23 03:51	50-32-8	P1
Benzo(b)fluoranthene	<b>0.067 U</b>	mg/kg	0.25	0.067	1	05/22/23 09:45	05/23/23 03:51	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.063 U</b>	mg/kg	0.25	0.063	1	05/22/23 09:45	05/23/23 03:51	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.067 U</b>	mg/kg	0.25	0.067	1	05/22/23 09:45	05/23/23 03:51	207-08-9	P1
Chrysene	<b>0.033 U</b>	mg/kg	0.25	0.033	1	05/22/23 09:45	05/23/23 03:51	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.058 U</b>	mg/kg	0.25	0.058	1	05/22/23 09:45	05/23/23 03:51	53-70-3	P1
Fluoranthene	<b>0.082 U</b>	mg/kg	0.25	0.082	1	05/22/23 09:45	05/23/23 03:51	206-44-0	P1
Fluorene	<b>0.089 U</b>	mg/kg	0.28	0.089	1	05/22/23 09:45	05/23/23 03:51	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.057 U</b>	mg/kg	0.25	0.057	1	05/22/23 09:45	05/23/23 03:51	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.042 U</b>	mg/kg	0.30	0.042	1	05/22/23 09:45	05/23/23 03:51	90-12-0	P1
2-Methylnaphthalene	<b>0.039 U</b>	mg/kg	0.29	0.039	1	05/22/23 09:45	05/23/23 03:51	91-57-6	P1
Naphthalene	<b>0.089 U</b>	mg/kg	0.26	0.089	1	05/22/23 09:45	05/23/23 03:51	91-20-3	P1
Phenanthrene	<b>0.036 U</b>	mg/kg	0.25	0.036	1	05/22/23 09:45	05/23/23 03:51	85-01-8	P1
Pyrene	<b>0.033 U</b>	mg/kg	0.25	0.033	1	05/22/23 09:45	05/23/23 03:51	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	62	%	24-98		1	05/22/23 09:45	05/23/23 03:51	4165-60-0	
2-Fluorobiphenyl (S)	70	%	29-101		1	05/22/23 09:45	05/23/23 03:51	321-60-8	
p-Terphenyl-d14 (S)	85	%	29-112		1	05/22/23 09:45	05/23/23 03:51	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.016 I</b>	mg/kg	0.086	0.015	1	05/22/23 08:02	05/22/23 15:57	67-64-1	
Benzene	<b>0.0017 U</b>	mg/kg	0.0086	0.0017	1	05/22/23 08:02	05/22/23 15:57	71-43-2	
Bromochloromethane	<b>0.0013 U</b>	mg/kg	0.0086	0.0013	1	05/22/23 08:02	05/22/23 15:57	74-97-5	
Bromodichloromethane	<b>0.0019 U</b>	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 15:57	75-27-4	
Bromoform	<b>0.0019 U</b>	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 15:57	75-25-2	
Bromomethane	<b>0.0031 U</b>	mg/kg	0.0086	0.0031	1	05/22/23 08:02	05/22/23 15:57	74-83-9	
2-Butanone (MEK)	<b>0.0086 U</b>	mg/kg	0.086	0.0086	1	05/22/23 08:02	05/22/23 15:57	78-93-3	
Carbon disulfide	<b>0.0043 U</b>	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 15:57	75-15-0	J(v1)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-11 (0.5-2) Lab ID: 35800552020 Collected: 05/17/23 12:45 Received: 05/18/23 11:27 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								
Carbon tetrachloride	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 15:57	56-23-5	
Chlorobenzene	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 15:57	108-90-7	
Chloroethane	<b>0.0036</b> U	mg/kg	0.0086	0.0036	1	05/22/23 08:02	05/22/23 15:57	75-00-3	
Chloroform	<b>0.0014</b> U	mg/kg	0.0086	0.0014	1	05/22/23 08:02	05/22/23 15:57	67-66-3	
Chloromethane	<b>0.0015</b> U	mg/kg	0.0086	0.0015	1	05/22/23 08:02	05/22/23 15:57	74-87-3	
Dibromochloromethane	<b>0.0015</b> U	mg/kg	0.0086	0.0015	1	05/22/23 08:02	05/22/23 15:57	124-48-1	
Dibromomethane	<b>0.0012</b> U	mg/kg	0.0086	0.0012	1	05/22/23 08:02	05/22/23 15:57	74-95-3	
1,2-Dichlorobenzene	<b>0.0013</b> U	mg/kg	0.0086	0.0013	1	05/22/23 08:02	05/22/23 15:57	95-50-1	
1,3-Dichlorobenzene	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 15:57	541-73-1	
1,4-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0086	0.0011	1	05/22/23 08:02	05/22/23 15:57	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 15:57	110-57-6	
1,1-Dichloroethane	<b>0.0017</b> U	mg/kg	0.0086	0.0017	1	05/22/23 08:02	05/22/23 15:57	75-34-3	
1,2-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0086	0.0013	1	05/22/23 08:02	05/22/23 15:57	107-06-2	
1,1-Dichloroethene	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 15:57	75-35-4	
cis-1,2-Dichloroethene	<b>0.0019</b> U	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 15:57	156-59-2	
trans-1,2-Dichloroethene	<b>0.0022</b> U	mg/kg	0.0086	0.0022	1	05/22/23 08:02	05/22/23 15:57	156-60-5	
1,2-Dichloropropane	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 15:57	78-87-5	
1,3-Dichloropropene	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 15:57	542-75-6	
Ethylbenzene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 15:57	100-41-4	
2-Hexanone	<b>0.0086</b> U	mg/kg	0.043	0.0086	1	05/22/23 08:02	05/22/23 15:57	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0022</b> U	mg/kg	0.0086	0.0022	1	05/22/23 08:02	05/22/23 15:57	98-82-8	
Methylene Chloride	<b>0.0075</b> U	mg/kg	0.0086	0.0075	1	05/22/23 08:02	05/22/23 15:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0086</b> U	mg/kg	0.043	0.0086	1	05/22/23 08:02	05/22/23 15:57	108-10-1	
Methyl-tert-butyl ether	<b>0.0026</b> U	mg/kg	0.0086	0.0026	1	05/22/23 08:02	05/22/23 15:57	1634-04-4	J(v2)
Styrene	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 15:57	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.0010</b> U	mg/kg	0.0086	0.0010	1	05/22/23 08:02	05/22/23 15:57	79-34-5	
Tetrachloroethene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 15:57	127-18-4	
Toluene	<b>0.0014</b> U	mg/kg	0.0086	0.0014	1	05/22/23 08:02	05/22/23 15:57	108-88-3	
1,1,1-Trichloroethane	<b>0.0022</b> U	mg/kg	0.0086	0.0022	1	05/22/23 08:02	05/22/23 15:57	71-55-6	
1,1,2-Trichloroethane	<b>0.0010</b> U	mg/kg	0.0086	0.0010	1	05/22/23 08:02	05/22/23 15:57	79-00-5	
Trichloroethene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 15:57	79-01-6	
Trichlorofluoromethane	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 15:57	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0019</b> U	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 15:57	95-63-6	
Vinyl chloride	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 15:57	75-01-4	
Xylene (Total)	<b>0.0088</b> U	mg/kg	0.026	0.0088	1	05/22/23 08:02	05/22/23 15:57	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	68-125		1	05/22/23 08:02	05/22/23 15:57	460-00-4	
Toluene-d8 (S)	99	%	70-130		1	05/22/23 08:02	05/22/23 15:57	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1	05/22/23 08:02	05/22/23 15:57	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>26.4</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-11 (2-3) Lab ID: 35800552021 Collected: 05/17/23 12:49 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00022 U</b>	mg/kg	0.0022	0.00022	1	05/19/23 17:00	05/27/23 11:32	309-00-2	
alpha-BHC	<b>0.00012 U</b>	mg/kg	0.0022	0.00012	1	05/19/23 17:00	05/27/23 11:32	319-84-6	
beta-BHC	<b>0.00026 U</b>	mg/kg	0.0022	0.00026	1	05/19/23 17:00	05/27/23 11:32	319-85-7	
delta-BHC	<b>0.00011 U</b>	mg/kg	0.0022	0.00011	1	05/19/23 17:00	05/27/23 11:32	319-86-8	
gamma-BHC (Lindane)	<b>0.000062 U</b>	mg/kg	0.0022	0.000062	1	05/19/23 17:00	05/27/23 11:32	58-89-9	
Chlordane (Technical)	<b>0.0065 U</b>	mg/kg	0.022	0.0065	1	05/19/23 17:00	05/27/23 11:32	57-74-9	
4,4'-DDD	<b>0.000097 U</b>	mg/kg	0.0022	0.000097	1	05/19/23 17:00	05/27/23 11:32	72-54-8	J(CU)
4,4'-DDE	<b>0.000085 U</b>	mg/kg	0.0022	0.000085	1	05/19/23 17:00	05/27/23 11:32	72-55-9	
4,4'-DDT	<b>0.00013 U</b>	mg/kg	0.0022	0.00013	1	05/19/23 17:00	05/27/23 11:32	50-29-3	J(CL)
Dieldrin	<b>0.000083 U</b>	mg/kg	0.0022	0.000083	1	05/19/23 17:00	05/27/23 11:32	60-57-1	
Endosulfan I	<b>0.00024 U</b>	mg/kg	0.0022	0.00024	1	05/19/23 17:00	05/27/23 11:32	959-98-8	
Endosulfan II	<b>0.000097 U</b>	mg/kg	0.0022	0.000097	1	05/19/23 17:00	05/27/23 11:32	33213-65-9	
Endosulfan sulfate	<b>0.000085 U</b>	mg/kg	0.0022	0.000085	1	05/19/23 17:00	05/27/23 11:32	1031-07-8	
Endrin	<b>0.00014 U</b>	mg/kg	0.0022	0.00014	1	05/19/23 17:00	05/27/23 11:32	72-20-8	
Endrin aldehyde	<b>0.00014 U</b>	mg/kg	0.0043	0.00014	1	05/19/23 17:00	05/27/23 11:32	7421-93-4	
Endrin ketone	<b>0.00010 U</b>	mg/kg	0.0022	0.00010	1	05/19/23 17:00	05/27/23 11:32	53494-70-5	
Heptachlor	<b>0.00023 U</b>	mg/kg	0.0022	0.00023	1	05/19/23 17:00	05/27/23 11:32	76-44-8	
Heptachlor epoxide	<b>0.000093 U</b>	mg/kg	0.0022	0.000093	1	05/19/23 17:00	05/27/23 11:32	1024-57-3	
Methoxychlor	<b>0.00032 U</b>	mg/kg	0.0022	0.00032	1	05/19/23 17:00	05/27/23 11:32	72-43-5	J(CL)
Toxaphene	<b>0.0093 U</b>	mg/kg	0.022	0.0093	1	05/19/23 17:00	05/27/23 11:32	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	94	%	53-140		1	05/19/23 17:00	05/27/23 11:32	877-09-8	
Decachlorobiphenyl (S)	87	%	43-157		1	05/19/23 17:00	05/27/23 11:32	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>88.9</b>	mg/kg	7.6	6.6	1	05/22/23 07:14	05/22/23 23:47		
<b>Surrogates</b>									
o-Terphenyl (S)	83	%	66-136		1	05/22/23 07:14	05/22/23 23:47	84-15-1	
N-Pentatriacontane (S)	86	%	42-159		1	05/22/23 07:14	05/22/23 23:47	630-07-09	
<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	05/20/23 11:42	05/23/23 04:53	7440-36-0	
Arsenic	<b>0.81</b>	mg/kg	0.58	0.29	1	05/20/23 11:42	05/23/23 04:53	7440-38-2	
Beryllium	<b>0.039 I</b>	mg/kg	0.058	0.010	1	05/20/23 11:42	05/23/23 04:53	7440-41-7	
Cadmium	<b>0.029 U</b>	mg/kg	0.058	0.029	1	05/20/23 11:42	05/23/23 04:53	7440-43-9	
Chromium	<b>3.2</b>	mg/kg	0.29	0.14	1	05/20/23 11:42	05/23/23 04:53	7440-47-3	
Copper	<b>1.4</b>	mg/kg	0.29	0.14	1	05/20/23 11:42	05/23/23 04:53	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-11 (2-3) Lab ID: 35800552021 Collected: 05/17/23 12:49 Received: 05/18/23 11:27 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								
Lead	<b>2.0</b>	mg/kg	0.58	0.29	1	05/20/23 11:42	05/23/23 04:53	7439-92-1	
Nickel	<b>1.7</b>	mg/kg	0.29	0.14	1	05/20/23 11:42	05/23/23 04:53	7440-02-0	
Selenium	<b>0.50 I</b>	mg/kg	0.87	0.43	1	05/20/23 11:42	05/23/23 04:53	7782-49-2	
Silver	<b>0.064 U</b>	mg/kg	0.29	0.064	1	05/20/23 11:42	05/23/23 04:53	7440-22-4	
Thallium	<b>0.38 U</b>	mg/kg	0.87	0.38	1	05/20/23 11:42	05/23/23 04:53	7440-28-0	
Zinc	<b>2.1 U</b>	mg/kg	5.8	2.1	1	05/20/23 11:42	05/23/23 04:53	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.029</b>	mg/kg	0.010	0.0050	1	05/19/23 10:40	05/23/23 13:07	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.020 U</b>	mg/kg	0.046	0.020	1	05/22/23 09:45	05/23/23 04:17	83-32-9	
Acenaphthylene	<b>0.0068 U</b>	mg/kg	0.043	0.0068	1	05/22/23 09:45	05/23/23 04:17	208-96-8	
Anthracene	<b>0.0059 U</b>	mg/kg	0.046	0.0059	1	05/22/23 09:45	05/23/23 04:17	120-12-7	
Benzo(a)anthracene	<b>0.0057 U</b>	mg/kg	0.043	0.0057	1	05/22/23 09:45	05/23/23 04:17	56-55-3	
Benzo(a)pyrene	<b>0.011 U</b>	mg/kg	0.043	0.011	1	05/22/23 09:45	05/23/23 04:17	50-32-8	
Benzo(b)fluoranthene	<b>0.011 U</b>	mg/kg	0.043	0.011	1	05/22/23 09:45	05/23/23 04:17	205-99-2	
Benzo(g,h,i)perylene	<b>0.011 U</b>	mg/kg	0.043	0.011	1	05/22/23 09:45	05/23/23 04:17	191-24-2	
Benzo(k)fluoranthene	<b>0.011 U</b>	mg/kg	0.043	0.011	1	05/22/23 09:45	05/23/23 04:17	207-08-9	
Chrysene	<b>0.0057 U</b>	mg/kg	0.043	0.0057	1	05/22/23 09:45	05/23/23 04:17	218-01-9	
Dibenz(a,h)anthracene	<b>0.010 U</b>	mg/kg	0.043	0.010	1	05/22/23 09:45	05/23/23 04:17	53-70-3	
Fluoranthene	<b>0.014 U</b>	mg/kg	0.043	0.014	1	05/22/23 09:45	05/23/23 04:17	206-44-0	
Fluorene	<b>0.015 U</b>	mg/kg	0.047	0.015	1	05/22/23 09:45	05/23/23 04:17	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0098 U</b>	mg/kg	0.043	0.0098	1	05/22/23 09:45	05/23/23 04:17	193-39-5	J(v2)
1-Methylnaphthalene	<b>0.0071 U</b>	mg/kg	0.051	0.0071	1	05/22/23 09:45	05/23/23 04:17	90-12-0	
2-Methylnaphthalene	<b>0.0068 U</b>	mg/kg	0.050	0.0068	1	05/22/23 09:45	05/23/23 04:17	91-57-6	
Naphthalene	<b>0.015 U</b>	mg/kg	0.045	0.015	1	05/22/23 09:45	05/23/23 04:17	91-20-3	
Phenanthrene	<b>0.0061 U</b>	mg/kg	0.043	0.0061	1	05/22/23 09:45	05/23/23 04:17	85-01-8	
Pyrene	<b>0.0057 U</b>	mg/kg	0.043	0.0057	1	05/22/23 09:45	05/23/23 04:17	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	64	%	24-98		1	05/22/23 09:45	05/23/23 04:17	4165-60-0	
2-Fluorobiphenyl (S)	76	%	29-101		1	05/22/23 09:45	05/23/23 04:17	321-60-8	
p-Terphenyl-d14 (S)	77	%	29-112		1	05/22/23 09:45	05/23/23 04:17	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.14</b>	mg/kg	0.12	0.022	1	05/23/23 17:31	05/24/23 02:52	67-64-1	
Benzene	<b>0.0025 U</b>	mg/kg	0.012	0.0025	1	05/23/23 17:31	05/24/23 02:52	71-43-2	
Bromochloromethane	<b>0.0018 U</b>	mg/kg	0.012	0.0018	1	05/23/23 17:31	05/24/23 02:52	74-97-5	
Bromodichloromethane	<b>0.0027 U</b>	mg/kg	0.012	0.0027	1	05/23/23 17:31	05/24/23 02:52	75-27-4	
Bromoform	<b>0.0027 U</b>	mg/kg	0.012	0.0027	1	05/23/23 17:31	05/24/23 02:52	75-25-2	
Bromomethane	<b>0.0045 U</b>	mg/kg	0.012	0.0045	1	05/23/23 17:31	05/24/23 02:52	74-83-9	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-11 (2-3) Lab ID: 35800552021 Collected: 05/17/23 12:49 Received: 05/18/23 11:27 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							
2-Butanone (MEK)	<b>0.029 I</b>	mg/kg	0.12	0.012	1	05/23/23 17:31	05/24/23 02:52	78-93-3	
Carbon disulfide	<b>0.0062 U</b>	mg/kg	0.012	0.0062	1	05/23/23 17:31	05/24/23 02:52	75-15-0	
Carbon tetrachloride	<b>0.0030 U</b>	mg/kg	0.012	0.0030	1	05/23/23 17:31	05/24/23 02:52	56-23-5	
Chlorobenzene	<b>0.0023 U</b>	mg/kg	0.012	0.0023	1	05/23/23 17:31	05/24/23 02:52	108-90-7	
Chloroethane	<b>0.0052 U</b>	mg/kg	0.012	0.0052	1	05/23/23 17:31	05/24/23 02:52	75-00-3	
Chloroform	<b>0.0021 U</b>	mg/kg	0.012	0.0021	1	05/23/23 17:31	05/24/23 02:52	67-66-3	
Chloromethane	<b>0.0022 U</b>	mg/kg	0.012	0.0022	1	05/23/23 17:31	05/24/23 02:52	74-87-3	J(v2)
Dibromochloromethane	<b>0.0022 U</b>	mg/kg	0.012	0.0022	1	05/23/23 17:31	05/24/23 02:52	124-48-1	J(v2)
Dibromomethane	<b>0.0018 U</b>	mg/kg	0.012	0.0018	1	05/23/23 17:31	05/24/23 02:52	74-95-3	
1,2-Dichlorobenzene	<b>0.0019 U</b>	mg/kg	0.012	0.0019	1	05/23/23 17:31	05/24/23 02:52	95-50-1	
1,3-Dichlorobenzene	<b>0.0023 U</b>	mg/kg	0.012	0.0023	1	05/23/23 17:31	05/24/23 02:52	541-73-1	
1,4-Dichlorobenzene	<b>0.0017 U</b>	mg/kg	0.012	0.0017	1	05/23/23 17:31	05/24/23 02:52	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0030 U</b>	mg/kg	0.012	0.0030	1	05/23/23 17:31	05/24/23 02:52	110-57-6	
1,1-Dichloroethane	<b>0.0024 U</b>	mg/kg	0.012	0.0024	1	05/23/23 17:31	05/24/23 02:52	75-34-3	
1,2-Dichloroethane	<b>0.0019 U</b>	mg/kg	0.012	0.0019	1	05/23/23 17:31	05/24/23 02:52	107-06-2	
1,1-Dichloroethene	<b>0.0062 U</b>	mg/kg	0.012	0.0062	1	05/23/23 17:31	05/24/23 02:52	75-35-4	
cis-1,2-Dichloroethene	<b>0.0027 U</b>	mg/kg	0.012	0.0027	1	05/23/23 17:31	05/24/23 02:52	156-59-2	
trans-1,2-Dichloroethene	<b>0.0032 U</b>	mg/kg	0.012	0.0032	1	05/23/23 17:31	05/24/23 02:52	156-60-5	
1,2-Dichloropropane	<b>0.0023 U</b>	mg/kg	0.012	0.0023	1	05/23/23 17:31	05/24/23 02:52	78-87-5	
1,3-Dichloropropene	<b>0.0062 U</b>	mg/kg	0.012	0.0062	1	05/23/23 17:31	05/24/23 02:52	542-75-6	
Ethylbenzene	<b>0.0030 U</b>	mg/kg	0.012	0.0030	1	05/23/23 17:31	05/24/23 02:52	100-41-4	
2-Hexanone	<b>0.012 U</b>	mg/kg	0.062	0.012	1	05/23/23 17:31	05/24/23 02:52	591-78-6	J(v2)
Isopropylbenzene (Cumene)	<b>0.0032 U</b>	mg/kg	0.012	0.0032	1	05/23/23 17:31	05/24/23 02:52	98-82-8	
Methylene Chloride	<b>0.011 U</b>	mg/kg	0.012	0.011	1	05/23/23 17:31	05/24/23 02:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.012 U</b>	mg/kg	0.062	0.012	1	05/23/23 17:31	05/24/23 02:52	108-10-1	
Methyl-tert-butyl ether	<b>0.0037 U</b>	mg/kg	0.012	0.0037	1	05/23/23 17:31	05/24/23 02:52	1634-04-4	
Styrene	<b>0.0062 U</b>	mg/kg	0.012	0.0062	1	05/23/23 17:31	05/24/23 02:52	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.0015 U</b>	mg/kg	0.012	0.0015	1	05/23/23 17:31	05/24/23 02:52	79-34-5	
Tetrachloroethene	<b>0.0030 U</b>	mg/kg	0.012	0.0030	1	05/23/23 17:31	05/24/23 02:52	127-18-4	
Toluene	<b>0.0020 U</b>	mg/kg	0.012	0.0020	1	05/23/23 17:31	05/24/23 02:52	108-88-3	
1,1,1-Trichloroethane	<b>0.0032 U</b>	mg/kg	0.012	0.0032	1	05/23/23 17:31	05/24/23 02:52	71-55-6	
1,1,2-Trichloroethane	<b>0.0015 U</b>	mg/kg	0.012	0.0015	1	05/23/23 17:31	05/24/23 02:52	79-00-5	
Trichloroethene	<b>0.0030 U</b>	mg/kg	0.012	0.0030	1	05/23/23 17:31	05/24/23 02:52	79-01-6	
Trichlorofluoromethane	<b>0.0062 U</b>	mg/kg	0.012	0.0062	1	05/23/23 17:31	05/24/23 02:52	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0027 U</b>	mg/kg	0.012	0.0027	1	05/23/23 17:31	05/24/23 02:52	95-63-6	
Vinyl chloride	<b>0.0023 U</b>	mg/kg	0.012	0.0023	1	05/23/23 17:31	05/24/23 02:52	75-01-4	J(v2)
Xylene (Total)	<b>0.013 U</b>	mg/kg	0.037	0.013	1	05/23/23 17:31	05/24/23 02:52	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	80	%	68-125		1	05/23/23 17:31	05/24/23 02:52	460-00-4	
Toluene-d8 (S)	89	%	70-130		1	05/23/23 17:31	05/24/23 02:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	05/23/23 17:31	05/24/23 02:52	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-11 (2-3) Lab ID: 35800552021 Collected: 05/17/23 12:49 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>21.7</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-14 (0-0.5) Lab ID: 35800552022 Collected: 05/17/23 13:19 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00036 U</b>	mg/kg	0.0036	0.00036	2	05/19/23 17:00	05/27/23 11:45	309-00-2	
alpha-BHC	<b>0.00020 U</b>	mg/kg	0.0036	0.00020	2	05/19/23 17:00	05/27/23 11:45	319-84-6	
beta-BHC	<b>0.00044 U</b>	mg/kg	0.0036	0.00044	2	05/19/23 17:00	05/27/23 11:45	319-85-7	
delta-BHC	<b>0.00019 U</b>	mg/kg	0.0036	0.00019	2	05/19/23 17:00	05/27/23 11:45	319-86-8	
gamma-BHC (Lindane)	<b>0.00020 I</b>	mg/kg	0.0036	0.00011	2	05/19/23 17:00	05/27/23 11:45	58-89-9	
Chlordane (Technical)	<b>0.011 U</b>	mg/kg	0.036	0.011	2	05/19/23 17:00	05/27/23 11:45	57-74-9	
4,4'-DDD	<b>0.00016 U</b>	mg/kg	0.0036	0.00016	2	05/19/23 17:00	05/27/23 11:45	72-54-8	J(CU)
4,4'-DDE	<b>0.00014 U</b>	mg/kg	0.0036	0.00014	2	05/19/23 17:00	05/27/23 11:45	72-55-9	
4,4'-DDT	<b>0.00022 U</b>	mg/kg	0.0036	0.00022	2	05/19/23 17:00	05/27/23 11:45	50-29-3	J(CL)
Dieldrin	<b>0.00014 U</b>	mg/kg	0.0036	0.00014	2	05/19/23 17:00	05/27/23 11:45	60-57-1	
Endosulfan I	<b>0.00041 U</b>	mg/kg	0.0036	0.00041	2	05/19/23 17:00	05/27/23 11:45	959-98-8	
Endosulfan II	<b>0.00016 U</b>	mg/kg	0.0036	0.00016	2	05/19/23 17:00	05/27/23 11:45	33213-65-9	
Endosulfan sulfate	<b>0.00014 U</b>	mg/kg	0.0036	0.00014	2	05/19/23 17:00	05/27/23 11:45	1031-07-8	
Endrin	<b>0.00023 U</b>	mg/kg	0.0036	0.00023	2	05/19/23 17:00	05/27/23 11:45	72-20-8	
Endrin aldehyde	<b>0.00024 U</b>	mg/kg	0.0073	0.00024	2	05/19/23 17:00	05/27/23 11:45	7421-93-4	
Endrin ketone	<b>0.00017 U</b>	mg/kg	0.0036	0.00017	2	05/19/23 17:00	05/27/23 11:45	53494-70-5	
Heptachlor	<b>0.00039 U</b>	mg/kg	0.0036	0.00039	2	05/19/23 17:00	05/27/23 11:45	76-44-8	
Heptachlor epoxide	<b>0.00016 U</b>	mg/kg	0.0036	0.00016	2	05/19/23 17:00	05/27/23 11:45	1024-57-3	
Methoxychlor	<b>0.00054 U</b>	mg/kg	0.0036	0.00054	2	05/19/23 17:00	05/27/23 11:45	72-43-5	J(CL)
Toxaphene	<b>0.016 U</b>	mg/kg	0.036	0.016	2	05/19/23 17:00	05/27/23 11:45	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	82	%	53-140		2	05/19/23 17:00	05/27/23 11:45	877-09-8	
Decachlorobiphenyl (S)	80	%	43-157		2	05/19/23 17:00	05/27/23 11:45	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>21.5</b>	mg/kg	10.6	9.1	1	05/22/23 07:14	05/23/23 00:01		P1
<b>Surrogates</b>									
o-Terphenyl (S)	85	%	66-136		1	05/22/23 07:14	05/23/23 00:01	84-15-1	
N-Pentatriacontane (S)	90	%	42-159		1	05/22/23 07:14	05/23/23 00:01	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.40 U</b>	mg/kg	0.81	0.40	1	05/20/23 11:42	05/23/23 04:57	7440-36-0	
Arsenic	<b>2.7</b>	mg/kg	0.54	0.27	1	05/20/23 11:42	05/23/23 04:57	7440-38-2	
Beryllium	<b>0.19</b>	mg/kg	0.054	0.0095	1	05/20/23 11:42	05/23/23 04:57	7440-41-7	
Cadmium	<b>0.11</b>	mg/kg	0.054	0.027	1	05/20/23 11:42	05/23/23 04:57	7440-43-9	
Chromium	<b>9.9</b>	mg/kg	0.27	0.13	1	05/20/23 11:42	05/23/23 04:57	7440-47-3	
Copper	<b>2.0</b>	mg/kg	0.27	0.13	1	05/20/23 11:42	05/23/23 04:57	7440-50-8	
Lead	<b>1.0</b>	mg/kg	0.54	0.27	1	05/20/23 11:42	05/23/23 04:57	7439-92-1	
Nickel	<b>4.3</b>	mg/kg	0.27	0.13	1	05/20/23 11:42	05/23/23 04:57	7440-02-0	
Selenium	<b>0.71 I</b>	mg/kg	0.81	0.40	1	05/20/23 11:42	05/23/23 04:57	7782-49-2	
Silver	<b>0.059 U</b>	mg/kg	0.27	0.059	1	05/20/23 11:42	05/23/23 04:57	7440-22-4	
Thallium	<b>0.36 U</b>	mg/kg	0.81	0.36	1	05/20/23 11:42	05/23/23 04:57	7440-28-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-14 (0-0.5) Lab ID: 35800552022 Collected: 05/17/23 13:19 Received: 05/18/23 11:27 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								
Zinc	<b>4.2 I</b>	mg/kg	5.4	1.9	1	05/20/23 11:42	05/23/23 04:57	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.026</b>	mg/kg	0.010	0.0050	1	05/19/23 10:40	05/23/23 13:09	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.098 U</b>	mg/kg	0.22	0.098	1	05/22/23 09:45	05/23/23 04:42	83-32-9	P1
Acenaphthylene	<b>0.032 U</b>	mg/kg	0.21	0.032	1	05/22/23 09:45	05/23/23 04:42	208-96-8	P1
Anthracene	<b>0.028 U</b>	mg/kg	0.22	0.028	1	05/22/23 09:45	05/23/23 04:42	120-12-7	P1
Benzo(a)anthracene	<b>0.027 U</b>	mg/kg	0.21	0.027	1	05/22/23 09:45	05/23/23 04:42	56-55-3	P1
Benzo(a)pyrene	<b>0.051 U</b>	mg/kg	0.21	0.051	1	05/22/23 09:45	05/23/23 04:42	50-32-8	P1
Benzo(b)fluoranthene	<b>0.055 U</b>	mg/kg	0.21	0.055	1	05/22/23 09:45	05/23/23 04:42	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.052 U</b>	mg/kg	0.21	0.052	1	05/22/23 09:45	05/23/23 04:42	191-24-2	J(v2),P1
Benzo(k)fluoranthene	<b>0.055 U</b>	mg/kg	0.21	0.055	1	05/22/23 09:45	05/23/23 04:42	207-08-9	P1
Chrysene	<b>0.027 U</b>	mg/kg	0.21	0.027	1	05/22/23 09:45	05/23/23 04:42	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.048 U</b>	mg/kg	0.21	0.048	1	05/22/23 09:45	05/23/23 04:42	53-70-3	P1
Fluoranthene	<b>0.067 U</b>	mg/kg	0.21	0.067	1	05/22/23 09:45	05/23/23 04:42	206-44-0	P1
Fluorene	<b>0.073 U</b>	mg/kg	0.23	0.073	1	05/22/23 09:45	05/23/23 04:42	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.047 U</b>	mg/kg	0.21	0.047	1	05/22/23 09:45	05/23/23 04:42	193-39-5	J(v2),P1
1-Methylnaphthalene	<b>0.034 U</b>	mg/kg	0.24	0.034	1	05/22/23 09:45	05/23/23 04:42	90-12-0	P1
2-Methylnaphthalene	<b>0.032 U</b>	mg/kg	0.24	0.032	1	05/22/23 09:45	05/23/23 04:42	91-57-6	P1
Naphthalene	<b>0.073 U</b>	mg/kg	0.21	0.073	1	05/22/23 09:45	05/23/23 04:42	91-20-3	P1
Phenanthrene	<b>0.029 U</b>	mg/kg	0.21	0.029	1	05/22/23 09:45	05/23/23 04:42	85-01-8	P1
Pyrene	<b>0.027 U</b>	mg/kg	0.21	0.027	1	05/22/23 09:45	05/23/23 04:42	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	65	%	24-98		1	05/22/23 09:45	05/23/23 04:42	4165-60-0	
2-Fluorobiphenyl (S)	76	%	29-101		1	05/22/23 09:45	05/23/23 04:42	321-60-8	
p-Terphenyl-d14 (S)	88	%	29-112		1	05/22/23 09:45	05/23/23 04:42	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.019 I</b>	mg/kg	0.078	0.014	1	05/22/23 08:02	05/22/23 16:42	67-64-1	
Benzene	<b>0.0016 U</b>	mg/kg	0.0078	0.0016	1	05/22/23 08:02	05/22/23 16:42	71-43-2	
Bromochloromethane	<b>0.0012 U</b>	mg/kg	0.0078	0.0012	1	05/22/23 08:02	05/22/23 16:42	74-97-5	
Bromodichloromethane	<b>0.0017 U</b>	mg/kg	0.0078	0.0017	1	05/22/23 08:02	05/22/23 16:42	75-27-4	
Bromoform	<b>0.0017 U</b>	mg/kg	0.0078	0.0017	1	05/22/23 08:02	05/22/23 16:42	75-25-2	
Bromomethane	<b>0.0028 U</b>	mg/kg	0.0078	0.0028	1	05/22/23 08:02	05/22/23 16:42	74-83-9	
2-Butanone (MEK)	<b>0.0078 U</b>	mg/kg	0.078	0.0078	1	05/22/23 08:02	05/22/23 16:42	78-93-3	
Carbon disulfide	<b>0.0039 U</b>	mg/kg	0.0078	0.0039	1	05/22/23 08:02	05/22/23 16:42	75-15-0	
Carbon tetrachloride	<b>0.0019 U</b>	mg/kg	0.0078	0.0019	1	05/22/23 08:02	05/22/23 16:42	56-23-5	J(v1)
Chlorobenzene	<b>0.0014 U</b>	mg/kg	0.0078	0.0014	1	05/22/23 08:02	05/22/23 16:42	108-90-7	
Chloroethane	<b>0.0033 U</b>	mg/kg	0.0078	0.0033	1	05/22/23 08:02	05/22/23 16:42	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-14 (0-0.5) Lab ID: 35800552022 Collected: 05/17/23 13:19 Received: 05/18/23 11:27 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								
Chloroform	<b>0.0013</b> U	mg/kg	0.0078	0.0013	1	05/22/23 08:02	05/22/23 16:42	67-66-3	
Chloromethane	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/22/23 08:02	05/22/23 16:42	74-87-3	
Dibromochloromethane	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/22/23 08:02	05/22/23 16:42	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0078	0.0011	1	05/22/23 08:02	05/22/23 16:42	74-95-3	
1,2-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0078	0.0012	1	05/22/23 08:02	05/22/23 16:42	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/22/23 08:02	05/22/23 16:42	541-73-1	
1,4-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0078	0.0010	1	05/22/23 08:02	05/22/23 16:42	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/22/23 08:02	05/22/23 16:42	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0078	0.0015	1	05/22/23 08:02	05/22/23 16:42	75-34-3	
1,2-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0078	0.0012	1	05/22/23 08:02	05/22/23 16:42	107-06-2	
1,1-Dichloroethene	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/22/23 08:02	05/22/23 16:42	75-35-4	
cis-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0078	0.0017	1	05/22/23 08:02	05/22/23 16:42	156-59-2	
trans-1,2-Dichloroethene	<b>0.0020</b> U	mg/kg	0.0078	0.0020	1	05/22/23 08:02	05/22/23 16:42	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/22/23 08:02	05/22/23 16:42	78-87-5	
1,3-Dichloropropene	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/22/23 08:02	05/22/23 16:42	542-75-6	
Ethylbenzene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/22/23 08:02	05/22/23 16:42	100-41-4	
2-Hexanone	<b>0.0078</b> U	mg/kg	0.039	0.0078	1	05/22/23 08:02	05/22/23 16:42	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0020</b> U	mg/kg	0.0078	0.0020	1	05/22/23 08:02	05/22/23 16:42	98-82-8	
Methylene Chloride	<b>0.0068</b> U	mg/kg	0.0078	0.0068	1	05/22/23 08:02	05/22/23 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0078</b> U	mg/kg	0.039	0.0078	1	05/22/23 08:02	05/22/23 16:42	108-10-1	
Methyl-tert-butyl ether	<b>0.0023</b> U	mg/kg	0.0078	0.0023	1	05/22/23 08:02	05/22/23 16:42	1634-04-4	J(v2)
Styrene	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/22/23 08:02	05/22/23 16:42	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00095</b> U	mg/kg	0.0078	0.00095	1	05/22/23 08:02	05/22/23 16:42	79-34-5	
Tetrachloroethene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/22/23 08:02	05/22/23 16:42	127-18-4	
Toluene	<b>0.0013</b> U	mg/kg	0.0078	0.0013	1	05/22/23 08:02	05/22/23 16:42	108-88-3	
1,1,1-Trichloroethane	<b>0.0020</b> U	mg/kg	0.0078	0.0020	1	05/22/23 08:02	05/22/23 16:42	71-55-6	
1,1,2-Trichloroethane	<b>0.00092</b> U	mg/kg	0.0078	0.00092	1	05/22/23 08:02	05/22/23 16:42	79-00-5	
Trichloroethene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/22/23 08:02	05/22/23 16:42	79-01-6	
Trichlorofluoromethane	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/22/23 08:02	05/22/23 16:42	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0017</b> U	mg/kg	0.0078	0.0017	1	05/22/23 08:02	05/22/23 16:42	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/22/23 08:02	05/22/23 16:42	75-01-4	
Xylene (Total)	<b>0.0080</b> U	mg/kg	0.023	0.0080	1	05/22/23 08:02	05/22/23 16:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	115	%	68-125		1	05/22/23 08:02	05/22/23 16:42	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	05/22/23 08:02	05/22/23 16:42	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1	05/22/23 08:02	05/22/23 16:42	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>7.2</b>	%	0.10	0.10	1			05/22/23 07:52	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-14 (0.5-2) Lab ID: 35800552023 Collected: 05/17/23 13:23 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00021</b> U	mg/kg	0.0021	0.00021	1	05/19/23 17:00	05/27/23 11:58	309-00-2	
alpha-BHC	<b>0.00012</b> U	mg/kg	0.0021	0.00012	1	05/19/23 17:00	05/27/23 11:58	319-84-6	
beta-BHC	<b>0.00025</b> U	mg/kg	0.0021	0.00025	1	05/19/23 17:00	05/27/23 11:58	319-85-7	
delta-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/19/23 17:00	05/27/23 11:58	319-86-8	
gamma-BHC (Lindane)	<b>0.000061</b> U	mg/kg	0.0021	0.000061	1	05/19/23 17:00	05/27/23 11:58	58-89-9	
Chlordane (Technical)	<b>0.0063</b> U	mg/kg	0.021	0.0063	1	05/19/23 17:00	05/27/23 11:58	57-74-9	
4,4'-DDD	<b>0.000094</b> U	mg/kg	0.0021	0.000094	1	05/19/23 17:00	05/27/23 11:58	72-54-8	J(CU)
4,4'-DDE	<b>0.000083</b> U	mg/kg	0.0021	0.000083	1	05/19/23 17:00	05/27/23 11:58	72-55-9	
4,4'-DDT	<b>0.00013</b> U	mg/kg	0.0021	0.00013	1	05/19/23 17:00	05/27/23 11:58	50-29-3	J(CL)
Dieldrin	<b>0.000081</b> U	mg/kg	0.0021	0.000081	1	05/19/23 17:00	05/27/23 11:58	60-57-1	
Endosulfan I	<b>0.00024</b> U	mg/kg	0.0021	0.00024	1	05/19/23 17:00	05/27/23 11:58	959-98-8	
Endosulfan II	<b>0.000094</b> U	mg/kg	0.0021	0.000094	1	05/19/23 17:00	05/27/23 11:58	33213-65-9	
Endosulfan sulfate	<b>0.000083</b> U	mg/kg	0.0021	0.000083	1	05/19/23 17:00	05/27/23 11:58	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0021	0.00013	1	05/19/23 17:00	05/27/23 11:58	72-20-8	
Endrin aldehyde	<b>0.00014</b> U	mg/kg	0.0042	0.00014	1	05/19/23 17:00	05/27/23 11:58	7421-93-4	
Endrin ketone	<b>0.000098</b> U	mg/kg	0.0021	0.000098	1	05/19/23 17:00	05/27/23 11:58	53494-70-5	
Heptachlor	<b>0.00022</b> U	mg/kg	0.0021	0.00022	1	05/19/23 17:00	05/27/23 11:58	76-44-8	
Heptachlor epoxide	<b>0.000091</b> U	mg/kg	0.0021	0.000091	1	05/19/23 17:00	05/27/23 11:58	1024-57-3	
Methoxychlor	<b>0.00031</b> U	mg/kg	0.0021	0.00031	1	05/19/23 17:00	05/27/23 11:58	72-43-5	J(CL)
Toxaphene	<b>0.0091</b> U	mg/kg	0.021	0.0091	1	05/19/23 17:00	05/27/23 11:58	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	93	%	53-140		1	05/19/23 17:00	05/27/23 11:58	877-09-8	
Decachlorobiphenyl (S)	86	%	43-157		1	05/19/23 17:00	05/27/23 11:58	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>88.2</b>	mg/kg	7.5	6.4	1	05/22/23 07:14	05/23/23 00:14		
<b>Surrogates</b>									
o-Terphenyl (S)	81	%	66-136		1	05/22/23 07:14	05/23/23 00:14	84-15-1	
N-Pentatriacontane (S)	84	%	42-159		1	05/22/23 07:14	05/23/23 00:14	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.50</b> I	mg/kg	0.95	0.48	1	05/20/23 11:42	05/23/23 05:01	7440-36-0	
Arsenic	<b>1.8</b>	mg/kg	0.63	0.32	1	05/20/23 11:42	05/23/23 05:01	7440-38-2	
Beryllium	<b>0.16</b>	mg/kg	0.063	0.011	1	05/20/23 11:42	05/23/23 05:01	7440-41-7	
Cadmium	<b>0.080</b>	mg/kg	0.063	0.032	1	05/20/23 11:42	05/23/23 05:01	7440-43-9	
Chromium	<b>10.3</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 05:01	7440-47-3	
Copper	<b>1.5</b>	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 05:01	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-14 (0.5-2) Lab ID: 35800552023 Collected: 05/17/23 13:23 Received: 05/18/23 11:27 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								
Lead	2.6	mg/kg	0.63	0.32	1	05/20/23 11:42	05/23/23 05:01	7439-92-1	
Nickel	3.9	mg/kg	0.32	0.16	1	05/20/23 11:42	05/23/23 05:01	7440-02-0	
Selenium	0.50 I	mg/kg	0.95	0.48	1	05/20/23 11:42	05/23/23 05:01	7782-49-2	
Silver	0.070 U	mg/kg	0.32	0.070	1	05/20/23 11:42	05/23/23 05:01	7440-22-4	
Thallium	0.42 U	mg/kg	0.95	0.42	1	05/20/23 11:42	05/23/23 05:01	7440-28-0	
Zinc	2.3 U	mg/kg	6.3	2.3	1	05/20/23 11:42	05/23/23 05:01	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	0.021	mg/kg	0.012	0.0060	1	05/19/23 10:40	05/23/23 13:11	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	0.020 U	mg/kg	0.045	0.020	1	05/22/23 09:45	05/23/23 05:07	83-32-9	
Acenaphthylene	0.0066 U	mg/kg	0.042	0.0066	1	05/22/23 09:45	05/23/23 05:07	208-96-8	
Anthracene	0.0057 U	mg/kg	0.045	0.0057	1	05/22/23 09:45	05/23/23 05:07	120-12-7	
Benzo(a)anthracene	0.0056 U	mg/kg	0.042	0.0056	1	05/22/23 09:45	05/23/23 05:07	56-55-3	
Benzo(a)pyrene	0.010 U	mg/kg	0.042	0.010	1	05/22/23 09:45	05/23/23 05:07	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.042	0.011	1	05/22/23 09:45	05/23/23 05:07	205-99-2	
Benzo(g,h,i)perylene	0.011 U	mg/kg	0.042	0.011	1	05/22/23 09:45	05/23/23 05:07	191-24-2	J(v2)
Benzo(k)fluoranthene	0.011 U	mg/kg	0.042	0.011	1	05/22/23 09:45	05/23/23 05:07	207-08-9	
Chrysene	0.0056 U	mg/kg	0.042	0.0056	1	05/22/23 09:45	05/23/23 05:07	218-01-9	
Dibenz(a,h)anthracene	0.0097 U	mg/kg	0.042	0.0097	1	05/22/23 09:45	05/23/23 05:07	53-70-3	
Fluoranthene	0.014 U	mg/kg	0.042	0.014	1	05/22/23 09:45	05/23/23 05:07	206-44-0	
Fluorene	0.015 U	mg/kg	0.046	0.015	1	05/22/23 09:45	05/23/23 05:07	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0095 U	mg/kg	0.042	0.0095	1	05/22/23 09:45	05/23/23 05:07	193-39-5	J(v2)
1-Methylnaphthalene	0.0069 U	mg/kg	0.050	0.0069	1	05/22/23 09:45	05/23/23 05:07	90-12-0	
2-Methylnaphthalene	0.0066 U	mg/kg	0.048	0.0066	1	05/22/23 09:45	05/23/23 05:07	91-57-6	
Naphthalene	0.015 U	mg/kg	0.043	0.015	1	05/22/23 09:45	05/23/23 05:07	91-20-3	
Phenanthrene	0.0059 U	mg/kg	0.042	0.0059	1	05/22/23 09:45	05/23/23 05:07	85-01-8	
Pyrene	0.0056 U	mg/kg	0.042	0.0056	1	05/22/23 09:45	05/23/23 05:07	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	65	%	24-98		1	05/22/23 09:45	05/23/23 05:07	4165-60-0	
2-Fluorobiphenyl (S)	76	%	29-101		1	05/22/23 09:45	05/23/23 05:07	321-60-8	
p-Terphenyl-d14 (S)	78	%	29-112		1	05/22/23 09:45	05/23/23 05:07	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	0.023 I	mg/kg	0.076	0.014	1	05/22/23 08:02	05/22/23 17:04	67-64-1	
Benzene	0.0015 U	mg/kg	0.0076	0.0015	1	05/22/23 08:02	05/22/23 17:04	71-43-2	
Bromochloromethane	0.0011 U	mg/kg	0.0076	0.0011	1	05/22/23 08:02	05/22/23 17:04	74-97-5	
Bromodichloromethane	0.0017 U	mg/kg	0.0076	0.0017	1	05/22/23 08:02	05/22/23 17:04	75-27-4	
Bromoform	0.0017 U	mg/kg	0.0076	0.0017	1	05/22/23 08:02	05/22/23 17:04	75-25-2	
Bromomethane	0.0027 U	mg/kg	0.0076	0.0027	1	05/22/23 08:02	05/22/23 17:04	74-83-9	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-14 (0.5-2) Lab ID: 35800552023 Collected: 05/17/23 13:23 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0076</b> U	mg/kg	0.076	0.0076	1	05/22/23 08:02	05/22/23 17:04	78-93-3	
Carbon disulfide	<b>0.0038</b> U	mg/kg	0.0076	0.0038	1	05/22/23 08:02	05/22/23 17:04	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0018</b> U	mg/kg	0.0076	0.0018	1	05/22/23 08:02	05/22/23 17:04	56-23-5	
Chlorobenzene	<b>0.0014</b> U	mg/kg	0.0076	0.0014	1	05/22/23 08:02	05/22/23 17:04	108-90-7	
Chloroethane	<b>0.0032</b> U	mg/kg	0.0076	0.0032	1	05/22/23 08:02	05/22/23 17:04	75-00-3	
Chloroform	<b>0.0013</b> U	mg/kg	0.0076	0.0013	1	05/22/23 08:02	05/22/23 17:04	67-66-3	
Chloromethane	<b>0.0014</b> U	mg/kg	0.0076	0.0014	1	05/22/23 08:02	05/22/23 17:04	74-87-3	
Dibromochloromethane	<b>0.0013</b> U	mg/kg	0.0076	0.0013	1	05/22/23 08:02	05/22/23 17:04	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0076	0.0011	1	05/22/23 08:02	05/22/23 17:04	74-95-3	
1,2-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0076	0.0012	1	05/22/23 08:02	05/22/23 17:04	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0076	0.0014	1	05/22/23 08:02	05/22/23 17:04	541-73-1	
1,4-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0076	0.0010	1	05/22/23 08:02	05/22/23 17:04	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0018</b> U	mg/kg	0.0076	0.0018	1	05/22/23 08:02	05/22/23 17:04	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0076	0.0015	1	05/22/23 08:02	05/22/23 17:04	75-34-3	
1,2-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0076	0.0012	1	05/22/23 08:02	05/22/23 17:04	107-06-2	
1,1-Dichloroethene	<b>0.0038</b> U	mg/kg	0.0076	0.0038	1	05/22/23 08:02	05/22/23 17:04	75-35-4	
cis-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0076	0.0017	1	05/22/23 08:02	05/22/23 17:04	156-59-2	
trans-1,2-Dichloroethene	<b>0.0020</b> U	mg/kg	0.0076	0.0020	1	05/22/23 08:02	05/22/23 17:04	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0076	0.0014	1	05/22/23 08:02	05/22/23 17:04	78-87-5	
1,3-Dichloropropene	<b>0.0038</b> U	mg/kg	0.0076	0.0038	1	05/22/23 08:02	05/22/23 17:04	542-75-6	
Ethylbenzene	<b>0.0018</b> U	mg/kg	0.0076	0.0018	1	05/22/23 08:02	05/22/23 17:04	100-41-4	
2-Hexanone	<b>0.0076</b> U	mg/kg	0.038	0.0076	1	05/22/23 08:02	05/22/23 17:04	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0020</b> U	mg/kg	0.0076	0.0020	1	05/22/23 08:02	05/22/23 17:04	98-82-8	
Methylene Chloride	<b>0.0067</b> U	mg/kg	0.0076	0.0067	1	05/22/23 08:02	05/22/23 17:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0076</b> U	mg/kg	0.038	0.0076	1	05/22/23 08:02	05/22/23 17:04	108-10-1	
Methyl-tert-butyl ether	<b>0.0023</b> U	mg/kg	0.0076	0.0023	1	05/22/23 08:02	05/22/23 17:04	1634-04-4	J(v2)
Styrene	<b>0.0038</b> U	mg/kg	0.0076	0.0038	1	05/22/23 08:02	05/22/23 17:04	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00093</b> U	mg/kg	0.0076	0.00093	1	05/22/23 08:02	05/22/23 17:04	79-34-5	
Tetrachloroethene	<b>0.0018</b> U	mg/kg	0.0076	0.0018	1	05/22/23 08:02	05/22/23 17:04	127-18-4	
Toluene	<b>0.0012</b> U	mg/kg	0.0076	0.0012	1	05/22/23 08:02	05/22/23 17:04	108-88-3	
1,1,2-Trichloroethane	<b>0.0020</b> U	mg/kg	0.0076	0.0020	1	05/22/23 08:02	05/22/23 17:04	71-55-6	
1,1,2-Trichloroethane	<b>0.00090</b> U	mg/kg	0.0076	0.00090	1	05/22/23 08:02	05/22/23 17:04	79-00-5	
Trichloroethene	<b>0.0018</b> U	mg/kg	0.0076	0.0018	1	05/22/23 08:02	05/22/23 17:04	79-01-6	
Trichlorofluoromethane	<b>0.0038</b> U	mg/kg	0.0076	0.0038	1	05/22/23 08:02	05/22/23 17:04	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0017</b> U	mg/kg	0.0076	0.0017	1	05/22/23 08:02	05/22/23 17:04	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0076	0.0014	1	05/22/23 08:02	05/22/23 17:04	75-01-4	
Xylene (Total)	<b>0.0078</b> U	mg/kg	0.023	0.0078	1	05/22/23 08:02	05/22/23 17:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	68-125		1	05/22/23 08:02	05/22/23 17:04	460-00-4	
Toluene-d8 (S)	99	%	70-130		1	05/22/23 08:02	05/22/23 17:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	05/22/23 08:02	05/22/23 17:04	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-14 (0.5-2)      Lab ID: 35800552023      Collected: 05/17/23 13:23      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>19.8</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-14 (2-3.5) Lab ID: 35800552024 Collected: 05/17/23 13:27 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00085 U</b>	mg/kg	0.0085	0.00085	1	05/19/23 17:00	05/27/23 12:12	309-00-2	P1
alpha-BHC	<b>0.00046 U</b>	mg/kg	0.0085	0.00046	1	05/19/23 17:00	05/27/23 12:12	319-84-6	P1
beta-BHC	<b>0.0010 U</b>	mg/kg	0.0085	0.0010	1	05/19/23 17:00	05/27/23 12:12	319-85-7	P1
delta-BHC	<b>0.00043 U</b>	mg/kg	0.0085	0.00043	1	05/19/23 17:00	05/27/23 12:12	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00024 U</b>	mg/kg	0.0085	0.00024	1	05/19/23 17:00	05/27/23 12:12	58-89-9	P1
Chlordane (Technical)	<b>0.025 U</b>	mg/kg	0.085	0.025	1	05/19/23 17:00	05/27/23 12:12	57-74-9	P1
4,4'-DDD	<b>0.00038 U</b>	mg/kg	0.0085	0.00038	1	05/19/23 17:00	05/27/23 12:12	72-54-8	J(CU), P1
4,4'-DDE	<b>0.00033 U</b>	mg/kg	0.0085	0.00033	1	05/19/23 17:00	05/27/23 12:12	72-55-9	P1
4,4'-DDT	<b>0.00051 U</b>	mg/kg	0.0085	0.00051	1	05/19/23 17:00	05/27/23 12:12	50-29-3	J(CL), P1
Dieldrin	<b>0.00032 U</b>	mg/kg	0.0085	0.00032	1	05/19/23 17:00	05/27/23 12:12	60-57-1	P1
Endosulfan I	<b>0.00095 U</b>	mg/kg	0.0085	0.00095	1	05/19/23 17:00	05/27/23 12:12	959-98-8	P1
Endosulfan II	<b>0.00038 U</b>	mg/kg	0.0085	0.00038	1	05/19/23 17:00	05/27/23 12:12	33213-65-9	P1
Endosulfan sulfate	<b>0.00033 U</b>	mg/kg	0.0085	0.00033	1	05/19/23 17:00	05/27/23 12:12	1031-07-8	P1
Endrin	<b>0.00053 U</b>	mg/kg	0.0085	0.00053	1	05/19/23 17:00	05/27/23 12:12	72-20-8	P1
Endrin aldehyde	<b>0.00055 U</b>	mg/kg	0.017	0.00055	1	05/19/23 17:00	05/27/23 12:12	7421-93-4	P1
Endrin ketone	<b>0.00039 U</b>	mg/kg	0.0085	0.00039	1	05/19/23 17:00	05/27/23 12:12	53494-70-5	P1
Heptachlor	<b>0.00090 U</b>	mg/kg	0.0085	0.00090	1	05/19/23 17:00	05/27/23 12:12	76-44-8	P1
Heptachlor epoxide	<b>0.00036 U</b>	mg/kg	0.0085	0.00036	1	05/19/23 17:00	05/27/23 12:12	1024-57-3	P1
Methoxychlor	<b>0.0012 U</b>	mg/kg	0.0085	0.0012	1	05/19/23 17:00	05/27/23 12:12	72-43-5	J(CL), P1
Toxaphene	<b>0.037 U</b>	mg/kg	0.085	0.037	1	05/19/23 17:00	05/27/23 12:12	8001-35-2	J(CL), P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	100	%	53-140		1	05/19/23 17:00	05/27/23 12:12	877-09-8	
Decachlorobiphenyl (S)	90	%	43-157		1	05/19/23 17:00	05/27/23 12:12	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>168</b>	mg/kg	8.2	7.0	1	05/22/23 07:14	05/22/23 19:05		
<b>Surrogates</b>									
o-Terphenyl (S)	78	%	66-136		1	05/22/23 07:14	05/22/23 19:05	84-15-1	
N-Pentatriacontane (S)	71	%	42-159		1	05/22/23 07:14	05/22/23 19:05	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.53 U</b>	mg/kg	1.1	0.53	1	05/20/23 11:42	05/23/23 05:05	7440-36-0	
Arsenic	<b>2.7</b>	mg/kg	0.71	0.35	1	05/20/23 11:42	05/23/23 05:05	7440-38-2	
Beryllium	<b>0.12</b>	mg/kg	0.071	0.012	1	05/20/23 11:42	05/23/23 05:05	7440-41-7	
Cadmium	<b>0.064 I</b>	mg/kg	0.071	0.035	1	05/20/23 11:42	05/23/23 05:05	7440-43-9	
Chromium	<b>6.8</b>	mg/kg	0.35	0.18	1	05/20/23 11:42	05/23/23 05:05	7440-47-3	
Copper	<b>6.8</b>	mg/kg	0.35	0.18	1	05/20/23 11:42	05/23/23 05:05	7440-50-8	
Lead	<b>2.0</b>	mg/kg	0.71	0.35	1	05/20/23 11:42	05/23/23 05:05	7439-92-1	
Nickel	<b>5.5</b>	mg/kg	0.35	0.18	1	05/20/23 11:42	05/23/23 05:05	7440-02-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-14 (2-3.5) Lab ID: 35800552024 Collected: 05/17/23 13:27 Received: 05/18/23 11:27 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								
Selenium	<b>0.84</b> I	mg/kg	1.1	0.53	1	05/20/23 11:42	05/23/23 05:05	7782-49-2	
Silver	<b>0.078</b> U	mg/kg	0.35	0.078	1	05/20/23 11:42	05/23/23 05:05	7440-22-4	
Thallium	<b>0.47</b> U	mg/kg	1.1	0.47	1	05/20/23 11:42	05/23/23 05:05	7440-28-0	
Zinc	<b>7.2</b>	mg/kg	7.1	2.5	1	05/20/23 11:42	05/23/23 05:05	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.023</b>	mg/kg	0.013	0.0064	1	05/19/23 10:40	05/23/23 13:13	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.022</b> U	mg/kg	0.049	0.022	1	05/22/23 09:57	05/23/23 17:15	83-32-9	
Acenaphthylene	<b>0.0072</b> U	mg/kg	0.046	0.0072	1	05/22/23 09:57	05/23/23 17:15	208-96-8	
Anthracene	<b>0.0063</b> U	mg/kg	0.049	0.0063	1	05/22/23 09:57	05/23/23 17:15	120-12-7	
Benzo(a)anthracene	<b>0.0061</b> U	mg/kg	0.046	0.0061	1	05/22/23 09:57	05/23/23 17:15	56-55-3	
Benzo(a)pyrene	<b>0.011</b> U	mg/kg	0.046	0.011	1	05/22/23 09:57	05/23/23 17:15	50-32-8	
Benzo(b)fluoranthene	<b>0.012</b> U	mg/kg	0.046	0.012	1	05/22/23 09:57	05/23/23 17:15	205-99-2	
Benzo(g,h,i)perylene	<b>0.012</b> U	mg/kg	0.046	0.012	1	05/22/23 09:57	05/23/23 17:15	191-24-2	
Benzo(k)fluoranthene	<b>0.012</b> U	mg/kg	0.046	0.012	1	05/22/23 09:57	05/23/23 17:15	207-08-9	
Chrysene	<b>0.0061</b> U	mg/kg	0.046	0.0061	1	05/22/23 09:57	05/23/23 17:15	218-01-9	
Dibenz(a,h)anthracene	<b>0.011</b> U	mg/kg	0.046	0.011	1	05/22/23 09:57	05/23/23 17:15	53-70-3	
Fluoranthene	<b>0.015</b> U	mg/kg	0.046	0.015	1	05/22/23 09:57	05/23/23 17:15	206-44-0	
Fluorene	<b>0.016</b> U	mg/kg	0.050	0.016	1	05/22/23 09:57	05/23/23 17:15	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.010</b> U	mg/kg	0.046	0.010	1	05/22/23 09:57	05/23/23 17:15	193-39-5	
1-Methylnaphthalene	<b>0.0076</b> U	mg/kg	0.054	0.0076	1	05/22/23 09:57	05/23/23 17:15	90-12-0	
2-Methylnaphthalene	<b>0.0072</b> U	mg/kg	0.053	0.0072	1	05/22/23 09:57	05/23/23 17:15	91-57-6	
Naphthalene	<b>0.016</b> U	mg/kg	0.048	0.016	1	05/22/23 09:57	05/23/23 17:15	91-20-3	
Phenanthrene	<b>0.0065</b> U	mg/kg	0.046	0.0065	1	05/22/23 09:57	05/23/23 17:15	85-01-8	
Pyrene	<b>0.020</b> I	mg/kg	0.046	0.0061	1	05/22/23 09:57	05/23/23 17:15	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	42	%	24-98		1	05/22/23 09:57	05/23/23 17:15	4165-60-0	
2-Fluorobiphenyl (S)	53	%	29-101		1	05/22/23 09:57	05/23/23 17:15	321-60-8	
p-Terphenyl-d14 (S)	57	%	29-112		1	05/22/23 09:57	05/23/23 17:15	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.075</b> I	mg/kg	0.086	0.015	1	05/22/23 08:02	05/22/23 17:26	67-64-1	
Benzene	<b>0.0017</b> U	mg/kg	0.0086	0.0017	1	05/22/23 08:02	05/22/23 17:26	71-43-2	
Bromochloromethane	<b>0.0013</b> U	mg/kg	0.0086	0.0013	1	05/22/23 08:02	05/22/23 17:26	74-97-5	
Bromodichloromethane	<b>0.0019</b> U	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 17:26	75-27-4	
Bromoform	<b>0.0019</b> U	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 17:26	75-25-2	
Bromomethane	<b>0.0031</b> U	mg/kg	0.0086	0.0031	1	05/22/23 08:02	05/22/23 17:26	74-83-9	
2-Butanone (MEK)	<b>0.0086</b> U	mg/kg	0.086	0.0086	1	05/22/23 08:02	05/22/23 17:26	78-93-3	
Carbon disulfide	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 17:26	75-15-0	J(v1)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-14 (2-3.5) Lab ID: 35800552024 Collected: 05/17/23 13:27 Received: 05/18/23 11:27 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								
Carbon tetrachloride	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 17:26	56-23-5	
Chlorobenzene	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 17:26	108-90-7	
Chloroethane	<b>0.0036</b> U	mg/kg	0.0086	0.0036	1	05/22/23 08:02	05/22/23 17:26	75-00-3	
Chloroform	<b>0.0014</b> U	mg/kg	0.0086	0.0014	1	05/22/23 08:02	05/22/23 17:26	67-66-3	
Chloromethane	<b>0.0015</b> U	mg/kg	0.0086	0.0015	1	05/22/23 08:02	05/22/23 17:26	74-87-3	
Dibromochloromethane	<b>0.0015</b> U	mg/kg	0.0086	0.0015	1	05/22/23 08:02	05/22/23 17:26	124-48-1	
Dibromomethane	<b>0.0012</b> U	mg/kg	0.0086	0.0012	1	05/22/23 08:02	05/22/23 17:26	74-95-3	
1,2-Dichlorobenzene	<b>0.0013</b> U	mg/kg	0.0086	0.0013	1	05/22/23 08:02	05/22/23 17:26	95-50-1	
1,3-Dichlorobenzene	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 17:26	541-73-1	
1,4-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0086	0.0012	1	05/22/23 08:02	05/22/23 17:26	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 17:26	110-57-6	
1,1-Dichloroethane	<b>0.0017</b> U	mg/kg	0.0086	0.0017	1	05/22/23 08:02	05/22/23 17:26	75-34-3	
1,2-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0086	0.0013	1	05/22/23 08:02	05/22/23 17:26	107-06-2	
1,1-Dichloroethene	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 17:26	75-35-4	
cis-1,2-Dichloroethene	<b>0.0019</b> U	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 17:26	156-59-2	
trans-1,2-Dichloroethene	<b>0.0022</b> U	mg/kg	0.0086	0.0022	1	05/22/23 08:02	05/22/23 17:26	156-60-5	
1,2-Dichloropropane	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 17:26	78-87-5	
1,3-Dichloropropene	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 17:26	542-75-6	
Ethylbenzene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 17:26	100-41-4	
2-Hexanone	<b>0.0086</b> U	mg/kg	0.043	0.0086	1	05/22/23 08:02	05/22/23 17:26	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0022</b> U	mg/kg	0.0086	0.0022	1	05/22/23 08:02	05/22/23 17:26	98-82-8	
Methylene Chloride	<b>0.0076</b> U	mg/kg	0.0086	0.0076	1	05/22/23 08:02	05/22/23 17:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0086</b> U	mg/kg	0.043	0.0086	1	05/22/23 08:02	05/22/23 17:26	108-10-1	
Methyl-tert-butyl ether	<b>0.0026</b> U	mg/kg	0.0086	0.0026	1	05/22/23 08:02	05/22/23 17:26	1634-04-4	J(v2)
Styrene	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 17:26	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.0011</b> U	mg/kg	0.0086	0.0011	1	05/22/23 08:02	05/22/23 17:26	79-34-5	
Tetrachloroethene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 17:26	127-18-4	
Toluene	<b>0.0014</b> U	mg/kg	0.0086	0.0014	1	05/22/23 08:02	05/22/23 17:26	108-88-3	
1,1,1-Trichloroethane	<b>0.0022</b> U	mg/kg	0.0086	0.0022	1	05/22/23 08:02	05/22/23 17:26	71-55-6	
1,1,2-Trichloroethane	<b>0.0010</b> U	mg/kg	0.0086	0.0010	1	05/22/23 08:02	05/22/23 17:26	79-00-5	
Trichloroethene	<b>0.0021</b> U	mg/kg	0.0086	0.0021	1	05/22/23 08:02	05/22/23 17:26	79-01-6	
Trichlorofluoromethane	<b>0.0043</b> U	mg/kg	0.0086	0.0043	1	05/22/23 08:02	05/22/23 17:26	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0019</b> U	mg/kg	0.0086	0.0019	1	05/22/23 08:02	05/22/23 17:26	95-63-6	
Vinyl chloride	<b>0.0016</b> U	mg/kg	0.0086	0.0016	1	05/22/23 08:02	05/22/23 17:26	75-01-4	
Xylene (Total)	<b>0.0089</b> U	mg/kg	0.026	0.0089	1	05/22/23 08:02	05/22/23 17:26	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	68-125		1	05/22/23 08:02	05/22/23 17:26	460-00-4	
Toluene-d8 (S)	96	%	70-130		1	05/22/23 08:02	05/22/23 17:26	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	05/22/23 08:02	05/22/23 17:26	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>26.6</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-17 (0-0.5) Lab ID: 35800552025 Collected: 05/17/23 14:29 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00019 U</b>	mg/kg	0.0019	0.00019	1	05/19/23 17:00	05/27/23 12:25	309-00-2	
alpha-BHC	<b>0.00010 U</b>	mg/kg	0.0019	0.00010	1	05/19/23 17:00	05/27/23 12:25	319-84-6	
beta-BHC	<b>0.00023 U</b>	mg/kg	0.0019	0.00023	1	05/19/23 17:00	05/27/23 12:25	319-85-7	
delta-BHC	<b>0.000096 U</b>	mg/kg	0.0019	0.000096	1	05/19/23 17:00	05/27/23 12:25	319-86-8	
gamma-BHC (Lindane)	<b>0.000054 U</b>	mg/kg	0.0019	0.000054	1	05/19/23 17:00	05/27/23 12:25	58-89-9	
Chlordane (Technical)	<b>0.0056 U</b>	mg/kg	0.019	0.0056	1	05/19/23 17:00	05/27/23 12:25	57-74-9	
4,4'-DDD	<b>0.000084 U</b>	mg/kg	0.0019	0.000084	1	05/19/23 17:00	05/27/23 12:25	72-54-8	J(CU)
4,4'-DDE	<b>0.000074 U</b>	mg/kg	0.0019	0.000074	1	05/19/23 17:00	05/27/23 12:25	72-55-9	
4,4'-DDT	<b>0.00011 U</b>	mg/kg	0.0019	0.00011	1	05/19/23 17:00	05/27/23 12:25	50-29-3	J(CL)
Dieldrin	<b>0.000072 U</b>	mg/kg	0.0019	0.000072	1	05/19/23 17:00	05/27/23 12:25	60-57-1	
Endosulfan I	<b>0.00021 U</b>	mg/kg	0.0019	0.00021	1	05/19/23 17:00	05/27/23 12:25	959-98-8	
Endosulfan II	<b>0.000084 U</b>	mg/kg	0.0019	0.000084	1	05/19/23 17:00	05/27/23 12:25	33213-65-9	
Endosulfan sulfate	<b>0.000074 U</b>	mg/kg	0.0019	0.000074	1	05/19/23 17:00	05/27/23 12:25	1031-07-8	
Endrin	<b>0.00012 U</b>	mg/kg	0.0019	0.00012	1	05/19/23 17:00	05/27/23 12:25	72-20-8	
Endrin aldehyde	<b>0.00012 U</b>	mg/kg	0.0038	0.00012	1	05/19/23 17:00	05/27/23 12:25	7421-93-4	
Endrin ketone	<b>0.000087 U</b>	mg/kg	0.0019	0.000087	1	05/19/23 17:00	05/27/23 12:25	53494-70-5	
Heptachlor	<b>0.00020 U</b>	mg/kg	0.0019	0.00020	1	05/19/23 17:00	05/27/23 12:25	76-44-8	
Heptachlor epoxide	<b>0.000081 U</b>	mg/kg	0.0019	0.000081	1	05/19/23 17:00	05/27/23 12:25	1024-57-3	
Methoxychlor	<b>0.00028 U</b>	mg/kg	0.0019	0.00028	1	05/19/23 17:00	05/27/23 12:25	72-43-5	J(CL)
Toxaphene	<b>0.0081 U</b>	mg/kg	0.019	0.0081	1	05/19/23 17:00	05/27/23 12:25	8001-35-2	J(CL)
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	97	%	53-140		1	05/19/23 17:00	05/27/23 12:25	877-09-8	
Decachlorobiphenyl (S)	97	%	43-157		1	05/19/23 17:00	05/27/23 12:25	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>34.4</b>	mg/kg	6.6	5.7	1	05/22/23 07:14	05/22/23 19:18		
<b>Surrogates</b>									
o-Terphenyl (S)	80	%	66-136		1	05/22/23 07:14	05/22/23 19:18	84-15-1	
N-Pentatriacontane (S)	77	%	42-159		1	05/22/23 07:14	05/22/23 19:18	630-07-09	
<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	0.86	0.43	1	05/20/23 11:42	05/23/23 05:09	7440-36-0	
Arsenic	<b>0.66</b>	mg/kg	0.58	0.29	1	05/20/23 11:42	05/23/23 05:09	7440-38-2	
Beryllium	<b>0.010 U</b>	mg/kg	0.058	0.010	1	05/20/23 11:42	05/23/23 05:09	7440-41-7	
Cadmium	<b>0.029 U</b>	mg/kg	0.058	0.029	1	05/20/23 11:42	05/23/23 05:09	7440-43-9	
Chromium	<b>1.1</b>	mg/kg	0.29	0.14	1	05/20/23 11:42	05/23/23 05:09	7440-47-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-17 (0-0.5) Lab ID: 35800552025 Collected: 05/17/23 14:29 Received: 05/18/23 11:27 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								
Copper	<b>0.22</b> I	mg/kg	0.29	0.14	1	05/20/23 11:42	05/23/23 05:09	7440-50-8	
Lead	<b>1.4</b>	mg/kg	0.58	0.29	1	05/20/23 11:42	05/23/23 05:09	7439-92-1	
Nickel	<b>0.45</b>	mg/kg	0.29	0.14	1	05/20/23 11:42	05/23/23 05:09	7440-02-0	
Selenium	<b>0.43</b> U	mg/kg	0.86	0.43	1	05/20/23 11:42	05/23/23 05:09	7782-49-2	
Silver	<b>0.063</b> U	mg/kg	0.29	0.063	1	05/20/23 11:42	05/23/23 05:09	7440-22-4	
Thallium	<b>0.38</b> U	mg/kg	0.86	0.38	1	05/20/23 11:42	05/23/23 05:09	7440-28-0	
Zinc	<b>2.1</b> U	mg/kg	5.8	2.1	1	05/20/23 11:42	05/23/23 05:09	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.0051</b> U	mg/kg	0.010	0.0051	1	05/19/23 10:40	05/23/23 13:16	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.018</b> U	mg/kg	0.040	0.018	1	05/22/23 09:57	05/23/23 16:50	83-32-9	
Acenaphthylene	<b>0.0058</b> U	mg/kg	0.037	0.0058	1	05/22/23 09:57	05/23/23 16:50	208-96-8	
Anthracene	<b>0.0051</b> U	mg/kg	0.040	0.0051	1	05/22/23 09:57	05/23/23 16:50	120-12-7	
Benzo(a)anthracene	<b>0.0049</b> U	mg/kg	0.037	0.0049	1	05/22/23 09:57	05/23/23 16:50	56-55-3	
Benzo(a)pyrene	<b>0.0092</b> U	mg/kg	0.037	0.0092	1	05/22/23 09:57	05/23/23 16:50	50-32-8	
Benzo(b)fluoranthene	<b>0.0099</b> U	mg/kg	0.037	0.0099	1	05/22/23 09:57	05/23/23 16:50	205-99-2	
Benzo(g,h,i)perylene	<b>0.0093</b> U	mg/kg	0.037	0.0093	1	05/22/23 09:57	05/23/23 16:50	191-24-2	
Benzo(k)fluoranthene	<b>0.0099</b> U	mg/kg	0.037	0.0099	1	05/22/23 09:57	05/23/23 16:50	207-08-9	
Chrysene	<b>0.0049</b> U	mg/kg	0.037	0.0049	1	05/22/23 09:57	05/23/23 16:50	218-01-9	
Dibenz(a,h)anthracene	<b>0.0086</b> U	mg/kg	0.037	0.0086	1	05/22/23 09:57	05/23/23 16:50	53-70-3	
Fluoranthene	<b>0.012</b> U	mg/kg	0.037	0.012	1	05/22/23 09:57	05/23/23 16:50	206-44-0	
Fluorene	<b>0.013</b> U	mg/kg	0.041	0.013	1	05/22/23 09:57	05/23/23 16:50	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0085</b> U	mg/kg	0.037	0.0085	1	05/22/23 09:57	05/23/23 16:50	193-39-5	
1-Methylnaphthalene	<b>0.0061</b> U	mg/kg	0.044	0.0061	1	05/22/23 09:57	05/23/23 16:50	90-12-0	
2-Methylnaphthalene	<b>0.0058</b> U	mg/kg	0.043	0.0058	1	05/22/23 09:57	05/23/23 16:50	91-57-6	
Naphthalene	<b>0.013</b> U	mg/kg	0.038	0.013	1	05/22/23 09:57	05/23/23 16:50	91-20-3	
Phenanthrene	<b>0.0053</b> U	mg/kg	0.037	0.0053	1	05/22/23 09:57	05/23/23 16:50	85-01-8	
Pyrene	<b>0.0049</b> U	mg/kg	0.037	0.0049	1	05/22/23 09:57	05/23/23 16:50	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	55	%	24-98		1	05/22/23 09:57	05/23/23 16:50	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-101		1	05/22/23 09:57	05/23/23 16:50	321-60-8	
p-Terphenyl-d14 (S)	80	%	29-112		1	05/22/23 09:57	05/23/23 16:50	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.011</b> U	mg/kg	0.060	0.011	1	05/22/23 08:02	05/22/23 17:48	67-64-1	
Benzene	<b>0.0012</b> U	mg/kg	0.0060	0.0012	1	05/22/23 08:02	05/22/23 17:48	71-43-2	
Bromochloromethane	<b>0.00089</b> U	mg/kg	0.0060	0.00089	1	05/22/23 08:02	05/22/23 17:48	74-97-5	
Bromodichloromethane	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/22/23 08:02	05/22/23 17:48	75-27-4	
Bromoform	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/22/23 08:02	05/22/23 17:48	75-25-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-17 (0-0.5) Lab ID: 35800552025 Collected: 05/17/23 14:29 Received: 05/18/23 11:27 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								
Bromomethane	<b>0.0022</b> U	mg/kg	0.0060	0.0022	1	05/22/23 08:02	05/22/23 17:48	74-83-9	
2-Butanone (MEK)	<b>0.0060</b> U	mg/kg	0.060	0.0060	1	05/22/23 08:02	05/22/23 17:48	78-93-3	
Carbon disulfide	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/22/23 08:02	05/22/23 17:48	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0014</b> U	mg/kg	0.0060	0.0014	1	05/22/23 08:02	05/22/23 17:48	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/22/23 08:02	05/22/23 17:48	108-90-7	
Chloroethane	<b>0.0025</b> U	mg/kg	0.0060	0.0025	1	05/22/23 08:02	05/22/23 17:48	75-00-3	
Chloroform	<b>0.0010</b> U	mg/kg	0.0060	0.0010	1	05/22/23 08:02	05/22/23 17:48	67-66-3	
Chloromethane	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/22/23 08:02	05/22/23 17:48	74-87-3	
Dibromochloromethane	<b>0.0010</b> U	mg/kg	0.0060	0.0010	1	05/22/23 08:02	05/22/23 17:48	124-48-1	
Dibromomethane	<b>0.00086</b> U	mg/kg	0.0060	0.00086	1	05/22/23 08:02	05/22/23 17:48	74-95-3	
1,2-Dichlorobenzene	<b>0.00092</b> U	mg/kg	0.0060	0.00092	1	05/22/23 08:02	05/22/23 17:48	95-50-1	
1,3-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/22/23 08:02	05/22/23 17:48	541-73-1	
1,4-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0060	0.00081	1	05/22/23 08:02	05/22/23 17:48	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0014</b> U	mg/kg	0.0060	0.0014	1	05/22/23 08:02	05/22/23 17:48	110-57-6	
1,1-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0060	0.0012	1	05/22/23 08:02	05/22/23 17:48	75-34-3	
1,2-Dichloroethane	<b>0.00093</b> U	mg/kg	0.0060	0.00093	1	05/22/23 08:02	05/22/23 17:48	107-06-2	
1,1-Dichloroethene	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/22/23 08:02	05/22/23 17:48	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/22/23 08:02	05/22/23 17:48	156-59-2	
trans-1,2-Dichloroethene	<b>0.0016</b> U	mg/kg	0.0060	0.0016	1	05/22/23 08:02	05/22/23 17:48	156-60-5	
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/22/23 08:02	05/22/23 17:48	78-87-5	
1,3-Dichloropropene	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/22/23 08:02	05/22/23 17:48	542-75-6	
Ethylbenzene	<b>0.0014</b> U	mg/kg	0.0060	0.0014	1	05/22/23 08:02	05/22/23 17:48	100-41-4	
2-Hexanone	<b>0.0060</b> U	mg/kg	0.030	0.0060	1	05/22/23 08:02	05/22/23 17:48	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0016</b> U	mg/kg	0.0060	0.0016	1	05/22/23 08:02	05/22/23 17:48	98-82-8	
Methylene Chloride	<b>0.0053</b> U	mg/kg	0.0060	0.0053	1	05/22/23 08:02	05/22/23 17:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0060</b> U	mg/kg	0.030	0.0060	1	05/22/23 08:02	05/22/23 17:48	108-10-1	
Methyl-tert-butyl ether	<b>0.0018</b> U	mg/kg	0.0060	0.0018	1	05/22/23 08:02	05/22/23 17:48	1634-04-4	J(v2)
Styrene	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/22/23 08:02	05/22/23 17:48	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00074</b> U	mg/kg	0.0060	0.00074	1	05/22/23 08:02	05/22/23 17:48	79-34-5	
Tetrachloroethene	<b>0.0014</b> U	mg/kg	0.0060	0.0014	1	05/22/23 08:02	05/22/23 17:48	127-18-4	
Toluene	<b>0.00098</b> U	mg/kg	0.0060	0.00098	1	05/22/23 08:02	05/22/23 17:48	108-88-3	
1,1,1-Trichloroethane	<b>0.0016</b> U	mg/kg	0.0060	0.0016	1	05/22/23 08:02	05/22/23 17:48	71-55-6	
1,1,2-Trichloroethane	<b>0.00071</b> U	mg/kg	0.0060	0.00071	1	05/22/23 08:02	05/22/23 17:48	79-00-5	
Trichloroethene	<b>0.0014</b> U	mg/kg	0.0060	0.0014	1	05/22/23 08:02	05/22/23 17:48	79-01-6	
Trichlorofluoromethane	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/22/23 08:02	05/22/23 17:48	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/22/23 08:02	05/22/23 17:48	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/22/23 08:02	05/22/23 17:48	75-01-4	
Xylene (Total)	<b>0.0062</b> U	mg/kg	0.018	0.0062	1	05/22/23 08:02	05/22/23 17:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	68-125		1	05/22/23 08:02	05/22/23 17:48	460-00-4	
Toluene-d8 (S)	99	%	70-130		1	05/22/23 08:02	05/22/23 17:48	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	05/22/23 08:02	05/22/23 17:48	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-17 (0-0.5) Lab ID: 35800552025 Collected: 05/17/23 14:29 Received: 05/18/23 11:27 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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	9.5	%	0.10	0.10	1		05/22/23 07:52		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-17 (0.5-2) Lab ID: 35800552026 Collected: 05/17/23 14:33 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00021</b> U	mg/kg	0.0021	0.00021	1	05/31/23 05:22	05/31/23 14:01	309-00-2	
alpha-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/31/23 05:22	05/31/23 14:01	319-84-6	
beta-BHC	<b>0.00025</b> U	mg/kg	0.0021	0.00025	1	05/31/23 05:22	05/31/23 14:01	319-85-7	
delta-BHC	<b>0.00011</b> U	mg/kg	0.0021	0.00011	1	05/31/23 05:22	05/31/23 14:01	319-86-8	
gamma-BHC (Lindane)	<b>0.000060</b> U	mg/kg	0.0021	0.000060	1	05/31/23 05:22	05/31/23 14:01	58-89-9	
Chlordane (Technical)	<b>0.0062</b> U	mg/kg	0.021	0.0062	1	05/31/23 05:22	05/31/23 14:01	57-74-9	
4,4'-DDD	<b>0.000092</b> U	mg/kg	0.0021	0.000092	1	05/31/23 05:22	05/31/23 14:01	72-54-8	
4,4'-DDE	<b>0.000082</b> U	mg/kg	0.0021	0.000082	1	05/31/23 05:22	05/31/23 14:01	72-55-9	
4,4'-DDT	<b>0.00012</b> U	mg/kg	0.0021	0.00012	1	05/31/23 05:22	05/31/23 14:01	50-29-3	
Dieldrin	<b>0.000079</b> U	mg/kg	0.0021	0.000079	1	05/31/23 05:22	05/31/23 14:01	60-57-1	
Endosulfan I	<b>0.00023</b> U	mg/kg	0.0021	0.00023	1	05/31/23 05:22	05/31/23 14:01	959-98-8	
Endosulfan II	<b>0.000092</b> U	mg/kg	0.0021	0.000092	1	05/31/23 05:22	05/31/23 14:01	33213-65-9	
Endosulfan sulfate	<b>0.000082</b> U	mg/kg	0.0021	0.000082	1	05/31/23 05:22	05/31/23 14:01	1031-07-8	
Endrin	<b>0.00013</b> U	mg/kg	0.0021	0.00013	1	05/31/23 05:22	05/31/23 14:01	72-20-8	
Endrin aldehyde	<b>0.00013</b> U	mg/kg	0.0041	0.00013	1	05/31/23 05:22	05/31/23 14:01	7421-93-4	
Endrin ketone	<b>0.000096</b> U	mg/kg	0.0021	0.000096	1	05/31/23 05:22	05/31/23 14:01	53494-70-5	
Heptachlor	<b>0.00022</b> U	mg/kg	0.0021	0.00022	1	05/31/23 05:22	05/31/23 14:01	76-44-8	
Heptachlor epoxide	<b>0.000089</b> U	mg/kg	0.0021	0.000089	1	05/31/23 05:22	05/31/23 14:01	1024-57-3	
Methoxychlor	<b>0.00030</b> U	mg/kg	0.0021	0.00030	1	05/31/23 05:22	05/31/23 14:01	72-43-5	
Toxaphene	<b>0.0089</b> U	mg/kg	0.021	0.0089	1	05/31/23 05:22	05/31/23 14:01	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	88	%	53-140		1	05/31/23 05:22	05/31/23 14:01	877-09-8	
Decachlorobiphenyl (S)	80	%	43-157		1	05/31/23 05:22	05/31/23 14:01	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>17.3</b>	mg/kg	12.1	10.4	1	05/22/23 07:14	05/22/23 19:59		P1
<b>Surrogates</b>									
o-Terphenyl (S)	91	%	66-136		1	05/22/23 07:14	05/22/23 19:59	84-15-1	
N-Pentatriacontane (S)	90	%	42-159		1	05/22/23 07:14	05/22/23 19:59	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.54</b> U	mg/kg	1.1	0.54	1	05/20/23 11:42	05/23/23 05:12	7440-36-0	
Arsenic	<b>0.41</b> I	mg/kg	0.71	0.36	1	05/20/23 11:42	05/23/23 05:12	7440-38-2	
Beryllium	<b>0.013</b> U	mg/kg	0.071	0.013	1	05/20/23 11:42	05/23/23 05:12	7440-41-7	
Cadmium	<b>0.036</b> U	mg/kg	0.071	0.036	1	05/20/23 11:42	05/23/23 05:12	7440-43-9	
Chromium	<b>0.37</b>	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 05:12	7440-47-3	
Copper	<b>0.32</b> I	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 05:12	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-17 (0.5-2) Lab ID: 35800552026 Collected: 05/17/23 14:33 Received: 05/18/23 11:27 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									
Lead	<b>0.38</b> I	mg/kg	0.71	0.36	1	05/20/23 11:42	05/23/23 05:12	7439-92-1	
Nickel	<b>0.21</b> I	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 05:12	7440-02-0	
Selenium	<b>0.54</b> U	mg/kg	1.1	0.54	1	05/20/23 11:42	05/23/23 05:12	7782-49-2	
Silver	<b>0.079</b> U	mg/kg	0.36	0.079	1	05/20/23 11:42	05/23/23 05:12	7440-22-4	
Thallium	<b>0.47</b> U	mg/kg	1.1	0.47	1	05/20/23 11:42	05/23/23 05:12	7440-28-0	
Zinc	<b>2.6</b> U	mg/kg	7.1	2.6	1	05/20/23 11:42	05/23/23 05:12	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Pace Analytical Services - Ormond Beach									
Mercury	<b>0.0046</b> U	mg/kg	0.0091	0.0046	1	05/19/23 10:40	05/23/23 13:18	7439-97-6	
<b>8270 Solid PAH</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pace Analytical Services - Ormond Beach									
Acenaphthene	<b>0.10</b> U	mg/kg	0.24	0.10	1	05/22/23 09:57	05/23/23 17:40	83-32-9	P1
Acenaphthylene	<b>0.035</b> U	mg/kg	0.22	0.035	1	05/22/23 09:57	05/23/23 17:40	208-96-8	P1
Anthracene	<b>0.030</b> U	mg/kg	0.24	0.030	1	05/22/23 09:57	05/23/23 17:40	120-12-7	P1
Benzo(a)anthracene	<b>0.029</b> U	mg/kg	0.22	0.029	1	05/22/23 09:57	05/23/23 17:40	56-55-3	P1
Benzo(a)pyrene	<b>0.055</b> U	mg/kg	0.22	0.055	1	05/22/23 09:57	05/23/23 17:40	50-32-8	P1
Benzo(b)fluoranthene	<b>0.059</b> U	mg/kg	0.22	0.059	1	05/22/23 09:57	05/23/23 17:40	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.056</b> U	mg/kg	0.22	0.056	1	05/22/23 09:57	05/23/23 17:40	191-24-2	P1
Benzo(k)fluoranthene	<b>0.059</b> U	mg/kg	0.22	0.059	1	05/22/23 09:57	05/23/23 17:40	207-08-9	P1
Chrysene	<b>0.029</b> U	mg/kg	0.22	0.029	1	05/22/23 09:57	05/23/23 17:40	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.051</b> U	mg/kg	0.22	0.051	1	05/22/23 09:57	05/23/23 17:40	53-70-3	P1
Fluoranthene	<b>0.072</b> U	mg/kg	0.22	0.072	1	05/22/23 09:57	05/23/23 17:40	206-44-0	P1
Fluorene	<b>0.079</b> U	mg/kg	0.24	0.079	1	05/22/23 09:57	05/23/23 17:40	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.050</b> U	mg/kg	0.22	0.050	1	05/22/23 09:57	05/23/23 17:40	193-39-5	P1
1-Methylnaphthalene	<b>0.037</b> U	mg/kg	0.26	0.037	1	05/22/23 09:57	05/23/23 17:40	90-12-0	P1
2-Methylnaphthalene	<b>0.035</b> U	mg/kg	0.26	0.035	1	05/22/23 09:57	05/23/23 17:40	91-57-6	P1
Naphthalene	<b>0.079</b> U	mg/kg	0.23	0.079	1	05/22/23 09:57	05/23/23 17:40	91-20-3	P1
Phenanthrene	<b>0.031</b> U	mg/kg	0.22	0.031	1	05/22/23 09:57	05/23/23 17:40	85-01-8	P1
Pyrene	<b>0.029</b> U	mg/kg	0.22	0.029	1	05/22/23 09:57	05/23/23 17:40	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	64	%	24-98		1	05/22/23 09:57	05/23/23 17:40	4165-60-0	
2-Fluorobiphenyl (S)	72	%	29-101		1	05/22/23 09:57	05/23/23 17:40	321-60-8	
p-Terphenyl-d14 (S)	83	%	29-112		1	05/22/23 09:57	05/23/23 17:40	1718-51-0	
<b>8260 MSV 5035</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035							
Pace Analytical Services - Ormond Beach									
Acetone	<b>0.013</b> U	mg/kg	0.073	0.013	1	05/22/23 08:02	05/22/23 18:11	67-64-1	
Benzene	<b>0.0015</b> U	mg/kg	0.0073	0.0015	1	05/22/23 08:02	05/22/23 18:11	71-43-2	
Bromochloromethane	<b>0.0011</b> U	mg/kg	0.0073	0.0011	1	05/22/23 08:02	05/22/23 18:11	74-97-5	
Bromodichloromethane	<b>0.0016</b> U	mg/kg	0.0073	0.0016	1	05/22/23 08:02	05/22/23 18:11	75-27-4	
Bromoform	<b>0.0016</b> U	mg/kg	0.0073	0.0016	1	05/22/23 08:02	05/22/23 18:11	75-25-2	
Bromomethane	<b>0.0026</b> U	mg/kg	0.0073	0.0026	1	05/22/23 08:02	05/22/23 18:11	74-83-9	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-17 (0.5-2) Lab ID: 35800552026 Collected: 05/17/23 14:33 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	0.0073 U	mg/kg	0.073	0.0073	1	05/22/23 08:02	05/22/23 18:11	78-93-3	
Carbon disulfide	0.0036 U	mg/kg	0.0073	0.0036	1	05/22/23 08:02	05/22/23 18:11	75-15-0	J(v1)
Carbon tetrachloride	0.0017 U	mg/kg	0.0073	0.0017	1	05/22/23 08:02	05/22/23 18:11	56-23-5	
Chlorobenzene	0.0013 U	mg/kg	0.0073	0.0013	1	05/22/23 08:02	05/22/23 18:11	108-90-7	
Chloroethane	0.0030 U	mg/kg	0.0073	0.0030	1	05/22/23 08:02	05/22/23 18:11	75-00-3	
Chloroform	0.0012 U	mg/kg	0.0073	0.0012	1	05/22/23 08:02	05/22/23 18:11	67-66-3	
Chloromethane	0.0013 U	mg/kg	0.0073	0.0013	1	05/22/23 08:02	05/22/23 18:11	74-87-3	
Dibromochloromethane	0.0013 U	mg/kg	0.0073	0.0013	1	05/22/23 08:02	05/22/23 18:11	124-48-1	
Dibromomethane	0.0010 U	mg/kg	0.0073	0.0010	1	05/22/23 08:02	05/22/23 18:11	74-95-3	
1,2-Dichlorobenzene	0.0011 U	mg/kg	0.0073	0.0011	1	05/22/23 08:02	05/22/23 18:11	95-50-1	
1,3-Dichlorobenzene	0.0013 U	mg/kg	0.0073	0.0013	1	05/22/23 08:02	05/22/23 18:11	541-73-1	
1,4-Dichlorobenzene	0.00097 U	mg/kg	0.0073	0.00097	1	05/22/23 08:02	05/22/23 18:11	106-46-7	
trans-1,4-Dichloro-2-butene	0.0017 U	mg/kg	0.0073	0.0017	1	05/22/23 08:02	05/22/23 18:11	110-57-6	
1,1-Dichloroethane	0.0014 U	mg/kg	0.0073	0.0014	1	05/22/23 08:02	05/22/23 18:11	75-34-3	
1,2-Dichloroethane	0.0011 U	mg/kg	0.0073	0.0011	1	05/22/23 08:02	05/22/23 18:11	107-06-2	
1,1-Dichloroethene	0.0036 U	mg/kg	0.0073	0.0036	1	05/22/23 08:02	05/22/23 18:11	75-35-4	
cis-1,2-Dichloroethene	0.0016 U	mg/kg	0.0073	0.0016	1	05/22/23 08:02	05/22/23 18:11	156-59-2	
trans-1,2-Dichloroethene	0.0019 U	mg/kg	0.0073	0.0019	1	05/22/23 08:02	05/22/23 18:11	156-60-5	
1,2-Dichloropropane	0.0013 U	mg/kg	0.0073	0.0013	1	05/22/23 08:02	05/22/23 18:11	78-87-5	
1,3-Dichloropropene	0.0036 U	mg/kg	0.0073	0.0036	1	05/22/23 08:02	05/22/23 18:11	542-75-6	
Ethylbenzene	0.0017 U	mg/kg	0.0073	0.0017	1	05/22/23 08:02	05/22/23 18:11	100-41-4	
2-Hexanone	0.0073 U	mg/kg	0.036	0.0073	1	05/22/23 08:02	05/22/23 18:11	591-78-6	
Isopropylbenzene (Cumene)	0.0019 U	mg/kg	0.0073	0.0019	1	05/22/23 08:02	05/22/23 18:11	98-82-8	
Methylene Chloride	0.0064 U	mg/kg	0.0073	0.0064	1	05/22/23 08:02	05/22/23 18:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0073 U	mg/kg	0.036	0.0073	1	05/22/23 08:02	05/22/23 18:11	108-10-1	
Methyl-tert-butyl ether	0.0022 U	mg/kg	0.0073	0.0022	1	05/22/23 08:02	05/22/23 18:11	1634-04-4	J(v2)
Styrene	0.0036 U	mg/kg	0.0073	0.0036	1	05/22/23 08:02	05/22/23 18:11	100-42-5	
1,1,2,2-Tetrachloroethane	0.00089 U	mg/kg	0.0073	0.00089	1	05/22/23 08:02	05/22/23 18:11	79-34-5	
Tetrachloroethene	0.0017 U	mg/kg	0.0073	0.0017	1	05/22/23 08:02	05/22/23 18:11	127-18-4	
Toluene	0.0012 U	mg/kg	0.0073	0.0012	1	05/22/23 08:02	05/22/23 18:11	108-88-3	
1,1,2-Trichloroethane	0.0019 U	mg/kg	0.0073	0.0019	1	05/22/23 08:02	05/22/23 18:11	71-55-6	
1,1,2-Trichloroethane	0.00086 U	mg/kg	0.0073	0.00086	1	05/22/23 08:02	05/22/23 18:11	79-00-5	
Trichloroethene	0.0017 U	mg/kg	0.0073	0.0017	1	05/22/23 08:02	05/22/23 18:11	79-01-6	
Trichlorofluoromethane	0.0036 U	mg/kg	0.0073	0.0036	1	05/22/23 08:02	05/22/23 18:11	75-69-4	
1,2,4-Trimethylbenzene	0.0016 U	mg/kg	0.0073	0.0016	1	05/22/23 08:02	05/22/23 18:11	95-63-6	
Vinyl chloride	0.0013 U	mg/kg	0.0073	0.0013	1	05/22/23 08:02	05/22/23 18:11	75-01-4	
Xylene (Total)	0.0075 U	mg/kg	0.022	0.0075	1	05/22/23 08:02	05/22/23 18:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	68-125		1	05/22/23 08:02	05/22/23 18:11	460-00-4	
Toluene-d8 (S)	98	%	70-130		1	05/22/23 08:02	05/22/23 18:11	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1	05/22/23 08:02	05/22/23 18:11	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-17 (0.5-2)      Lab ID: 35800552026      Collected: 05/17/23 14:33      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>18.0</b>	%	0.10	0.10	1			05/22/23 07:52	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-17 (2-3) Lab ID: 35800552027 Collected: 05/17/23 14:37 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0012 U</b>	mg/kg	0.012	0.0012	1	05/20/23 01:57	05/28/23 14:29	309-00-2	P1
alpha-BHC	<b>0.00066 U</b>	mg/kg	0.012	0.00066	1	05/20/23 01:57	05/28/23 14:29	319-84-6	P1
beta-BHC	<b>0.0015 U</b>	mg/kg	0.012	0.0015	1	05/20/23 01:57	05/28/23 14:29	319-85-7	P1
delta-BHC	<b>0.00062 U</b>	mg/kg	0.012	0.00062	1	05/20/23 01:57	05/28/23 14:29	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00035 U</b>	mg/kg	0.012	0.00035	1	05/20/23 01:57	05/28/23 14:29	58-89-9	P1
Chlordane (Technical)	<b>0.036 U</b>	mg/kg	0.12	0.036	1	05/20/23 01:57	05/28/23 14:29	57-74-9	P1
4,4'-DDD	<b>0.00054 U</b>	mg/kg	0.012	0.00054	1	05/20/23 01:57	05/28/23 14:29	72-54-8	P1
4,4'-DDE	<b>0.00048 U</b>	mg/kg	0.012	0.00048	1	05/20/23 01:57	05/28/23 14:29	72-55-9	P1
4,4'-DDT	<b>0.00073 U</b>	mg/kg	0.012	0.00073	1	05/20/23 01:57	05/28/23 14:29	50-29-3	P1
Dieldrin	<b>0.00046 U</b>	mg/kg	0.012	0.00046	1	05/20/23 01:57	05/28/23 14:29	60-57-1	P1
Endosulfan I	<b>0.0014 U</b>	mg/kg	0.012	0.0014	1	05/20/23 01:57	05/28/23 14:29	959-98-8	P1
Endosulfan II	<b>0.00054 U</b>	mg/kg	0.012	0.00054	1	05/20/23 01:57	05/28/23 14:29	33213-65-9	P1
Endosulfan sulfate	<b>0.00048 U</b>	mg/kg	0.012	0.00048	1	05/20/23 01:57	05/28/23 14:29	1031-07-8	P1
Endrin	<b>0.00076 U</b>	mg/kg	0.012	0.00076	1	05/20/23 01:57	05/28/23 14:29	72-20-8	P1
Endrin aldehyde	<b>0.00079 U</b>	mg/kg	0.024	0.00079	1	05/20/23 01:57	05/28/23 14:29	7421-93-4	P1
Endrin ketone	<b>0.00056 U</b>	mg/kg	0.012	0.00056	1	05/20/23 01:57	05/28/23 14:29	53494-70-5	P1
Heptachlor	<b>0.0013 U</b>	mg/kg	0.012	0.0013	1	05/20/23 01:57	05/28/23 14:29	76-44-8	P1
Heptachlor epoxide	<b>0.00052 U</b>	mg/kg	0.012	0.00052	1	05/20/23 01:57	05/28/23 14:29	1024-57-3	P1
Methoxychlor	<b>0.0018 U</b>	mg/kg	0.012	0.0018	1	05/20/23 01:57	05/28/23 14:29	72-43-5	P1
Toxaphene	<b>0.052 U</b>	mg/kg	0.12	0.052	1	05/20/23 01:57	05/28/23 14:29	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	98	%	53-140		1	05/20/23 01:57	05/28/23 14:29	877-09-8	
Decachlorobiphenyl (S)	94	%	43-157		1	05/20/23 01:57	05/28/23 14:29	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>11.9</b>	mg/kg	11.7	10.1	1	05/22/23 07:14	05/22/23 20:12		P1
<b>Surrogates</b>									
o-Terphenyl (S)	100	%	66-136		1	05/22/23 07:14	05/22/23 20:12	84-15-1	
N-Pentatriacontane (S)	90	%	42-159		1	05/22/23 07:14	05/22/23 20:12	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.42 U</b>	mg/kg	0.85	0.42	1	05/20/23 11:42	05/23/23 05:16	7440-36-0	
Arsenic	<b>0.28 U</b>	mg/kg	0.56	0.28	1	05/20/23 11:42	05/23/23 05:16	7440-38-2	
Beryllium	<b>0.0099 U</b>	mg/kg	0.056	0.0099	1	05/20/23 11:42	05/23/23 05:16	7440-41-7	
Cadmium	<b>0.028 U</b>	mg/kg	0.056	0.028	1	05/20/23 11:42	05/23/23 05:16	7440-43-9	
Chromium	<b>0.33</b>	mg/kg	0.28	0.14	1	05/20/23 11:42	05/23/23 05:16	7440-47-3	
Copper	<b>0.14 U</b>	mg/kg	0.28	0.14	1	05/20/23 11:42	05/23/23 05:16	7440-50-8	
Lead	<b>0.28 U</b>	mg/kg	0.56	0.28	1	05/20/23 11:42	05/23/23 05:16	7439-92-1	
Nickel	<b>0.16 I</b>	mg/kg	0.28	0.14	1	05/20/23 11:42	05/23/23 05:16	7440-02-0	
Selenium	<b>0.42 U</b>	mg/kg	0.85	0.42	1	05/20/23 11:42	05/23/23 05:16	7782-49-2	
Silver	<b>0.062 U</b>	mg/kg	0.28	0.062	1	05/20/23 11:42	05/23/23 05:16	7440-22-4	
Thallium	<b>0.37 U</b>	mg/kg	0.85	0.37	1	05/20/23 11:42	05/23/23 05:16	7440-28-0	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-17 (2-3) Lab ID: 35800552027 Collected: 05/17/23 14:37 Received: 05/18/23 11:27 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								
Zinc	<b>2.0</b> U	mg/kg	5.6	2.0	1	05/20/23 11:42	05/23/23 05:16	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.0058</b> U	mg/kg	0.012	0.0058	1	05/19/23 10:40	05/23/23 13:20	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.11</b> U	mg/kg	0.24	0.11	1	05/22/23 09:57	05/23/23 18:05	83-32-9	P1
Acenaphthylene	<b>0.036</b> U	mg/kg	0.23	0.036	1	05/22/23 09:57	05/23/23 18:05	208-96-8	P1
Anthracene	<b>0.031</b> U	mg/kg	0.24	0.031	1	05/22/23 09:57	05/23/23 18:05	120-12-7	P1
Benzo(a)anthracene	<b>0.031</b> U	mg/kg	0.23	0.031	1	05/22/23 09:57	05/23/23 18:05	56-55-3	P1
Benzo(a)pyrene	<b>0.057</b> U	mg/kg	0.23	0.057	1	05/22/23 09:57	05/23/23 18:05	50-32-8	P1
Benzo(b)fluoranthene	<b>0.061</b> U	mg/kg	0.23	0.061	1	05/22/23 09:57	05/23/23 18:05	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.058</b> U	mg/kg	0.23	0.058	1	05/22/23 09:57	05/23/23 18:05	191-24-2	P1
Benzo(k)fluoranthene	<b>0.061</b> U	mg/kg	0.23	0.061	1	05/22/23 09:57	05/23/23 18:05	207-08-9	P1
Chrysene	<b>0.031</b> U	mg/kg	0.23	0.031	1	05/22/23 09:57	05/23/23 18:05	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.053</b> U	mg/kg	0.23	0.053	1	05/22/23 09:57	05/23/23 18:05	53-70-3	P1
Fluoranthene	<b>0.075</b> U	mg/kg	0.23	0.075	1	05/22/23 09:57	05/23/23 18:05	206-44-0	P1
Fluorene	<b>0.081</b> U	mg/kg	0.25	0.081	1	05/22/23 09:57	05/23/23 18:05	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.052</b> U	mg/kg	0.23	0.052	1	05/22/23 09:57	05/23/23 18:05	193-39-5	P1
1-Methylnaphthalene	<b>0.038</b> U	mg/kg	0.27	0.038	1	05/22/23 09:57	05/23/23 18:05	90-12-0	P1
2-Methylnaphthalene	<b>0.036</b> U	mg/kg	0.26	0.036	1	05/22/23 09:57	05/23/23 18:05	91-57-6	P1
Naphthalene	<b>0.081</b> U	mg/kg	0.24	0.081	1	05/22/23 09:57	05/23/23 18:05	91-20-3	P1
Phenanthrene	<b>0.033</b> U	mg/kg	0.23	0.033	1	05/22/23 09:57	05/23/23 18:05	85-01-8	P1
Pyrene	<b>0.031</b> U	mg/kg	0.23	0.031	1	05/22/23 09:57	05/23/23 18:05	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	58	%	24-98		1	05/22/23 09:57	05/23/23 18:05	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-101		1	05/22/23 09:57	05/23/23 18:05	321-60-8	
p-Terphenyl-d14 (S)	84	%	29-112		1	05/22/23 09:57	05/23/23 18:05	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.011</b> U	mg/kg	0.060	0.011	1	05/24/23 17:17	05/25/23 04:57	67-64-1	
Benzene	<b>0.0012</b> U	mg/kg	0.0060	0.0012	1	05/24/23 17:17	05/25/23 04:57	71-43-2	
Bromochloromethane	<b>0.00089</b> U	mg/kg	0.0060	0.00089	1	05/24/23 17:17	05/25/23 04:57	74-97-5	
Bromodichloromethane	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/24/23 17:17	05/25/23 04:57	75-27-4	
Bromoform	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/24/23 17:17	05/25/23 04:57	75-25-2	
Bromomethane	<b>0.0022</b> U	mg/kg	0.0060	0.0022	1	05/24/23 17:17	05/25/23 04:57	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0060</b> U	mg/kg	0.060	0.0060	1	05/24/23 17:17	05/25/23 04:57	78-93-3	
Carbon disulfide	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/24/23 17:17	05/25/23 04:57	75-15-0	
Carbon tetrachloride	<b>0.0015</b> U	mg/kg	0.0060	0.0015	1	05/24/23 17:17	05/25/23 04:57	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/24/23 17:17	05/25/23 04:57	108-90-7	
Chloroethane	<b>0.0025</b> U	mg/kg	0.0060	0.0025	1	05/24/23 17:17	05/25/23 04:57	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-17 (2-3) Lab ID: 35800552027 Collected: 05/17/23 14:37 Received: 05/18/23 11:27 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								
Chloroform	<b>0.0010</b> U	mg/kg	0.0060	0.0010	1	05/24/23 17:17	05/25/23 04:57	67-66-3	
Chloromethane	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/24/23 17:17	05/25/23 04:57	74-87-3	J(v2)
Dibromochloromethane	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/24/23 17:17	05/25/23 04:57	124-48-1	
Dibromomethane	<b>0.00086</b> U	mg/kg	0.0060	0.00086	1	05/24/23 17:17	05/25/23 04:57	74-95-3	
1,2-Dichlorobenzene	<b>0.00092</b> U	mg/kg	0.0060	0.00092	1	05/24/23 17:17	05/25/23 04:57	95-50-1	
1,3-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/24/23 17:17	05/25/23 04:57	541-73-1	
1,4-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0060	0.00081	1	05/24/23 17:17	05/25/23 04:57	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0015</b> U	mg/kg	0.0060	0.0015	1	05/24/23 17:17	05/25/23 04:57	110-57-6	J(M1)
1,1-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0060	0.0012	1	05/24/23 17:17	05/25/23 04:57	75-34-3	
1,2-Dichloroethane	<b>0.00093</b> U	mg/kg	0.0060	0.00093	1	05/24/23 17:17	05/25/23 04:57	107-06-2	
1,1-Dichloroethene	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/24/23 17:17	05/25/23 04:57	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/24/23 17:17	05/25/23 04:57	156-59-2	
trans-1,2-Dichloroethene	<b>0.0016</b> U	mg/kg	0.0060	0.0016	1	05/24/23 17:17	05/25/23 04:57	156-60-5	
1,2-Dichloropropane	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/24/23 17:17	05/25/23 04:57	78-87-5	
1,3-Dichloropropene	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/24/23 17:17	05/25/23 04:57	542-75-6	
Ethylbenzene	<b>0.0015</b> U	mg/kg	0.0060	0.0015	1	05/24/23 17:17	05/25/23 04:57	100-41-4	
2-Hexanone	<b>0.0060</b> U	mg/kg	0.030	0.0060	1	05/24/23 17:17	05/25/23 04:57	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0016</b> U	mg/kg	0.0060	0.0016	1	05/24/23 17:17	05/25/23 04:57	98-82-8	
Methylene Chloride	<b>0.0053</b> U	mg/kg	0.0060	0.0053	1	05/24/23 17:17	05/25/23 04:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0060</b> U	mg/kg	0.030	0.0060	1	05/24/23 17:17	05/25/23 04:57	108-10-1	J(M1)
Methyl-tert-butyl ether	<b>0.0018</b> U	mg/kg	0.0060	0.0018	1	05/24/23 17:17	05/25/23 04:57	1634-04-4	
Styrene	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/24/23 17:17	05/25/23 04:57	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00074</b> U	mg/kg	0.0060	0.00074	1	05/24/23 17:17	05/25/23 04:57	79-34-5	
Tetrachloroethene	<b>0.0015</b> U	mg/kg	0.0060	0.0015	1	05/24/23 17:17	05/25/23 04:57	127-18-4	
Toluene	<b>0.00098</b> U	mg/kg	0.0060	0.00098	1	05/24/23 17:17	05/25/23 04:57	108-88-3	
1,1,1-Trichloroethane	<b>0.0016</b> U	mg/kg	0.0060	0.0016	1	05/24/23 17:17	05/25/23 04:57	71-55-6	
1,1,2-Trichloroethane	<b>0.00071</b> U	mg/kg	0.0060	0.00071	1	05/24/23 17:17	05/25/23 04:57	79-00-5	
Trichloroethene	<b>0.0015</b> U	mg/kg	0.0060	0.0015	1	05/24/23 17:17	05/25/23 04:57	79-01-6	
Trichlorofluoromethane	<b>0.0030</b> U	mg/kg	0.0060	0.0030	1	05/24/23 17:17	05/25/23 04:57	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0060	0.0013	1	05/24/23 17:17	05/25/23 04:57	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0060	0.0011	1	05/24/23 17:17	05/25/23 04:57	75-01-4	
Xylene (Total)	<b>0.0062</b> U	mg/kg	0.018	0.0062	1	05/24/23 17:17	05/25/23 04:57	1330-20-7	J(v2)
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	68-125		1	05/24/23 17:17	05/25/23 04:57	460-00-4	
Toluene-d8 (S)	97	%	70-130		1	05/24/23 17:17	05/25/23 04:57	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	05/24/23 17:17	05/25/23 04:57	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>17.3</b>	%	0.10	0.10	1			05/22/23 07:53	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-15 (0-0.5) Lab ID: 35800552028 Collected: 05/17/23 15:09 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00019</b> U	mg/kg	0.0019	0.00019	1	05/20/23 01:57	05/28/23 14:43	309-00-2	J(M1)
alpha-BHC	<b>0.00010</b> U	mg/kg	0.0019	0.00010	1	05/20/23 01:57	05/28/23 14:43	319-84-6	
beta-BHC	<b>0.00023</b> U	mg/kg	0.0019	0.00023	1	05/20/23 01:57	05/28/23 14:43	319-85-7	
delta-BHC	<b>0.000096</b> U	mg/kg	0.0019	0.000096	1	05/20/23 01:57	05/28/23 14:43	319-86-8	
gamma-BHC (Lindane)	<b>0.000066</b> I	mg/kg	0.0019	0.000054	1	05/20/23 01:57	05/28/23 14:43	58-89-9	
Chlordane (Technical)	<b>0.0056</b> U	mg/kg	0.019	0.0056	1	05/20/23 01:57	05/28/23 14:43	57-74-9	
4,4'-DDD	<b>0.000084</b> U	mg/kg	0.0019	0.000084	1	05/20/23 01:57	05/28/23 14:43	72-54-8	
4,4'-DDE	<b>0.000074</b> U	mg/kg	0.0019	0.000074	1	05/20/23 01:57	05/28/23 14:43	72-55-9	
4,4'-DDT	<b>0.00025</b> I	mg/kg	0.0019	0.00011	1	05/20/23 01:57	05/28/23 14:43	50-29-3	C2
Dieldrin	<b>0.000072</b> U	mg/kg	0.0019	0.000072	1	05/20/23 01:57	05/28/23 14:43	60-57-1	
Endosulfan I	<b>0.00021</b> U	mg/kg	0.0019	0.00021	1	05/20/23 01:57	05/28/23 14:43	959-98-8	
Endosulfan II	<b>0.000084</b> U	mg/kg	0.0019	0.000084	1	05/20/23 01:57	05/28/23 14:43	33213-65-9	
Endosulfan sulfate	<b>0.000074</b> U	mg/kg	0.0019	0.000074	1	05/20/23 01:57	05/28/23 14:43	1031-07-8	
Endrin	<b>0.00034</b> I	mg/kg	0.0019	0.00012	1	05/20/23 01:57	05/28/23 14:43	72-20-8	
Endrin aldehyde	<b>0.00012</b> U	mg/kg	0.0038	0.00012	1	05/20/23 01:57	05/28/23 14:43	7421-93-4	
Endrin ketone	<b>0.000087</b> U	mg/kg	0.0019	0.000087	1	05/20/23 01:57	05/28/23 14:43	53494-70-5	
Heptachlor	<b>0.00020</b> U	mg/kg	0.0019	0.00020	1	05/20/23 01:57	05/28/23 14:43	76-44-8	
Heptachlor epoxide	<b>0.00021</b> I	mg/kg	0.0019	0.000081	1	05/20/23 01:57	05/28/23 14:43	1024-57-3	
Methoxychlor	<b>0.00028</b> U	mg/kg	0.0019	0.00028	1	05/20/23 01:57	05/28/23 14:43	72-43-5	
Toxaphene	<b>0.0081</b> U	mg/kg	0.019	0.0081	1	05/20/23 01:57	05/28/23 14:43	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	87	%	53-140		1	05/20/23 01:57	05/28/23 14:43	877-09-8	
Decachlorobiphenyl (S)	87	%	43-157		1	05/20/23 01:57	05/28/23 14:43	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>28.3</b>	mg/kg	6.6	5.7	1	05/22/23 07:14	05/22/23 20:26		
<b>Surrogates</b>									
o-Terphenyl (S)	93	%	66-136		1	05/22/23 07:14	05/22/23 20:26	84-15-1	
N-Pentatriacontane (S)	82	%	42-159		1	05/22/23 07:14	05/22/23 20:26	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.44</b> U	mg/kg	0.87	0.44	1	05/20/23 11:42	05/23/23 05:20	7440-36-0	
Arsenic	<b>1.0</b>	mg/kg	0.58	0.29	1	05/20/23 11:42	05/23/23 05:20	7440-38-2	
Beryllium	<b>0.044</b> I	mg/kg	0.058	0.010	1	05/20/23 11:42	05/23/23 05:20	7440-41-7	
Cadmium	<b>0.029</b> U	mg/kg	0.058	0.029	1	05/20/23 11:42	05/23/23 05:20	7440-43-9	
Chromium	<b>5.1</b>	mg/kg	0.29	0.15	1	05/20/23 11:42	05/23/23 05:20	7440-47-3	
Copper	<b>0.89</b>	mg/kg	0.29	0.15	1	05/20/23 11:42	05/23/23 05:20	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-15 (0-0.5) Lab ID: 35800552028 Collected: 05/17/23 15:09 Received: 05/18/23 11:27 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							
Lead	2.7	mg/kg	0.58	0.29	1	05/20/23 11:42	05/23/23 05:20	7439-92-1	
Nickel	2.7	mg/kg	0.29	0.15	1	05/20/23 11:42	05/23/23 05:20	7440-02-0	
Selenium	0.44 U	mg/kg	0.87	0.44	1	05/20/23 11:42	05/23/23 05:20	7782-49-2	
Silver	0.064 U	mg/kg	0.29	0.064	1	05/20/23 11:42	05/23/23 05:20	7440-22-4	
Thallium	0.38 U	mg/kg	0.87	0.38	1	05/20/23 11:42	05/23/23 05:20	7440-28-0	
Zinc	2.6 I	mg/kg	5.8	2.1	1	05/20/23 11:42	05/23/23 05:20	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach							
Mercury	0.017	mg/kg	0.0097	0.0049	1	05/19/23 10:40	05/25/23 07:40	7439-97-6	
<b>8270 Solid PAH</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Acenaphthene	0.018 U	mg/kg	0.040	0.018	1	05/22/23 09:57	05/23/23 18:31	83-32-9	
Acenaphthylene	0.0059 U	mg/kg	0.038	0.0059	1	05/22/23 09:57	05/23/23 18:31	208-96-8	
Anthracene	0.0051 U	mg/kg	0.040	0.0051	1	05/22/23 09:57	05/23/23 18:31	120-12-7	
Benzo(a)anthracene	0.0050 U	mg/kg	0.038	0.0050	1	05/22/23 09:57	05/23/23 18:31	56-55-3	
Benzo(a)pyrene	0.0093 U	mg/kg	0.038	0.0093	1	05/22/23 09:57	05/23/23 18:31	50-32-8	
Benzo(b)fluoranthene	0.010 U	mg/kg	0.038	0.010	1	05/22/23 09:57	05/23/23 18:31	205-99-2	
Benzo(g,h,i)perylene	0.0094 U	mg/kg	0.038	0.0094	1	05/22/23 09:57	05/23/23 18:31	191-24-2	
Benzo(k)fluoranthene	0.010 U	mg/kg	0.038	0.010	1	05/22/23 09:57	05/23/23 18:31	207-08-9	
Chrysene	0.0050 U	mg/kg	0.038	0.0050	1	05/22/23 09:57	05/23/23 18:31	218-01-9	
Dibenz(a,h)anthracene	0.0086 U	mg/kg	0.038	0.0086	1	05/22/23 09:57	05/23/23 18:31	53-70-3	
Fluoranthene	0.012 U	mg/kg	0.038	0.012	1	05/22/23 09:57	05/23/23 18:31	206-44-0	
Fluorene	0.013 U	mg/kg	0.041	0.013	1	05/22/23 09:57	05/23/23 18:31	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0085 U	mg/kg	0.038	0.0085	1	05/22/23 09:57	05/23/23 18:31	193-39-5	
1-Methylnaphthalene	0.0062 U	mg/kg	0.044	0.0062	1	05/22/23 09:57	05/23/23 18:31	90-12-0	
2-Methylnaphthalene	0.0059 U	mg/kg	0.043	0.0059	1	05/22/23 09:57	05/23/23 18:31	91-57-6	
Naphthalene	0.013 U	mg/kg	0.039	0.013	1	05/22/23 09:57	05/23/23 18:31	91-20-3	
Phenanthrene	0.0053 U	mg/kg	0.038	0.0053	1	05/22/23 09:57	05/23/23 18:31	85-01-8	
Pyrene	0.0050 U	mg/kg	0.038	0.0050	1	05/22/23 09:57	05/23/23 18:31	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	54	%	24-98		1	05/22/23 09:57	05/23/23 18:31	4165-60-0	
2-Fluorobiphenyl (S)	64	%	29-101		1	05/22/23 09:57	05/23/23 18:31	321-60-8	
p-Terphenyl-d14 (S)	71	%	29-112		1	05/22/23 09:57	05/23/23 18:31	1718-51-0	
<b>8260 MSV 5035</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach							
Acetone	0.020 I	mg/kg	0.072	0.013	1	05/22/23 08:02	05/23/23 00:21	67-64-1	
Benzene	0.0014 U	mg/kg	0.0072	0.0014	1	05/22/23 08:02	05/23/23 00:21	71-43-2	
Bromochloromethane	0.0011 U	mg/kg	0.0072	0.0011	1	05/22/23 08:02	05/23/23 00:21	74-97-5	
Bromodichloromethane	0.0016 U	mg/kg	0.0072	0.0016	1	05/22/23 08:02	05/23/23 00:21	75-27-4	
Bromoform	0.0016 U	mg/kg	0.0072	0.0016	1	05/22/23 08:02	05/23/23 00:21	75-25-2	
Bromomethane	0.0026 U	mg/kg	0.0072	0.0026	1	05/22/23 08:02	05/23/23 00:21	74-83-9	J(v2)

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-15 (0-0.5) Lab ID: 35800552028 Collected: 05/17/23 15:09 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0072</b> U	mg/kg	0.072	0.0072	1	05/22/23 08:02	05/23/23 00:21	78-93-3	J(v2)
Carbon disulfide	<b>0.0036</b> U	mg/kg	0.0072	0.0036	1	05/22/23 08:02	05/23/23 00:21	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0017</b> U	mg/kg	0.0072	0.0017	1	05/22/23 08:02	05/23/23 00:21	56-23-5	
Chlorobenzene	<b>0.0013</b> U	mg/kg	0.0072	0.0013	1	05/22/23 08:02	05/23/23 00:21	108-90-7	
Chloroethane	<b>0.0030</b> U	mg/kg	0.0072	0.0030	1	05/22/23 08:02	05/23/23 00:21	75-00-3	
Chloroform	<b>0.0012</b> U	mg/kg	0.0072	0.0012	1	05/22/23 08:02	05/23/23 00:21	67-66-3	
Chloromethane	<b>0.0013</b> U	mg/kg	0.0072	0.0013	1	05/22/23 08:02	05/23/23 00:21	74-87-3	
Dibromochloromethane	<b>0.0013</b> U	mg/kg	0.0072	0.0013	1	05/22/23 08:02	05/23/23 00:21	124-48-1	
Dibromomethane	<b>0.0010</b> U	mg/kg	0.0072	0.0010	1	05/22/23 08:02	05/23/23 00:21	74-95-3	
1,2-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0072	0.0011	1	05/22/23 08:02	05/23/23 00:21	95-50-1	
1,3-Dichlorobenzene	<b>0.0013</b> U	mg/kg	0.0072	0.0013	1	05/22/23 08:02	05/23/23 00:21	541-73-1	
1,4-Dichlorobenzene	<b>0.00097</b> U	mg/kg	0.0072	0.00097	1	05/22/23 08:02	05/23/23 00:21	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0017</b> U	mg/kg	0.0072	0.0017	1	05/22/23 08:02	05/23/23 00:21	110-57-6	
1,1-Dichloroethane	<b>0.0014</b> U	mg/kg	0.0072	0.0014	1	05/22/23 08:02	05/23/23 00:21	75-34-3	
1,2-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0072	0.0011	1	05/22/23 08:02	05/23/23 00:21	107-06-2	
1,1-Dichloroethene	<b>0.0036</b> U	mg/kg	0.0072	0.0036	1	05/22/23 08:02	05/23/23 00:21	75-35-4	
cis-1,2-Dichloroethene	<b>0.0016</b> U	mg/kg	0.0072	0.0016	1	05/22/23 08:02	05/23/23 00:21	156-59-2	
trans-1,2-Dichloroethene	<b>0.0019</b> U	mg/kg	0.0072	0.0019	1	05/22/23 08:02	05/23/23 00:21	156-60-5	
1,2-Dichloropropane	<b>0.0013</b> U	mg/kg	0.0072	0.0013	1	05/22/23 08:02	05/23/23 00:21	78-87-5	
1,3-Dichloropropene	<b>0.0036</b> U	mg/kg	0.0072	0.0036	1	05/22/23 08:02	05/23/23 00:21	542-75-6	
Ethylbenzene	<b>0.0017</b> U	mg/kg	0.0072	0.0017	1	05/22/23 08:02	05/23/23 00:21	100-41-4	
2-Hexanone	<b>0.0072</b> U	mg/kg	0.036	0.0072	1	05/22/23 08:02	05/23/23 00:21	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0019</b> U	mg/kg	0.0072	0.0019	1	05/22/23 08:02	05/23/23 00:21	98-82-8	
Methylene Chloride	<b>0.0064</b> U	mg/kg	0.0072	0.0064	1	05/22/23 08:02	05/23/23 00:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0072</b> U	mg/kg	0.036	0.0072	1	05/22/23 08:02	05/23/23 00:21	108-10-1	
Methyl-tert-butyl ether	<b>0.0022</b> U	mg/kg	0.0072	0.0022	1	05/22/23 08:02	05/23/23 00:21	1634-04-4	
Styrene	<b>0.0036</b> U	mg/kg	0.0072	0.0036	1	05/22/23 08:02	05/23/23 00:21	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00088</b> U	mg/kg	0.0072	0.00088	1	05/22/23 08:02	05/23/23 00:21	79-34-5	
Tetrachloroethene	<b>0.0017</b> U	mg/kg	0.0072	0.0017	1	05/22/23 08:02	05/23/23 00:21	127-18-4	
Toluene	<b>0.0012</b> U	mg/kg	0.0072	0.0012	1	05/22/23 08:02	05/23/23 00:21	108-88-3	
1,1,2-Trichloroethane	<b>0.0019</b> U	mg/kg	0.0072	0.0019	1	05/22/23 08:02	05/23/23 00:21	71-55-6	
1,1,2-Trichloroethane	<b>0.00085</b> U	mg/kg	0.0072	0.00085	1	05/22/23 08:02	05/23/23 00:21	79-00-5	
Trichloroethene	<b>0.0017</b> U	mg/kg	0.0072	0.0017	1	05/22/23 08:02	05/23/23 00:21	79-01-6	
Trichlorofluoromethane	<b>0.0036</b> U	mg/kg	0.0072	0.0036	1	05/22/23 08:02	05/23/23 00:21	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0016</b> U	mg/kg	0.0072	0.0016	1	05/22/23 08:02	05/23/23 00:21	95-63-6	
Vinyl chloride	<b>0.0013</b> U	mg/kg	0.0072	0.0013	1	05/22/23 08:02	05/23/23 00:21	75-01-4	
Xylene (Total)	<b>0.0074</b> U	mg/kg	0.022	0.0074	1	05/22/23 08:02	05/23/23 00:21	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	68-125		1	05/22/23 08:02	05/23/23 00:21	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	05/22/23 08:02	05/23/23 00:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1	05/22/23 08:02	05/23/23 00:21	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-15 (0-0.5)      Lab ID: 35800552028      Collected: 05/17/23 15:09      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	9.8	%	0.10	0.10	1			05/22/23 07:53	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-15 (0.5-2) Lab ID: 35800552029 Collected: 05/17/23 15:13 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00022</b> U	mg/kg	0.0022	0.00022	1	05/20/23 01:57	05/28/23 15:22	309-00-2	
alpha-BHC	<b>0.00012</b> U	mg/kg	0.0022	0.00012	1	05/20/23 01:57	05/28/23 15:22	319-84-6	
beta-BHC	<b>0.00026</b> U	mg/kg	0.0022	0.00026	1	05/20/23 01:57	05/28/23 15:22	319-85-7	
delta-BHC	<b>0.00011</b> U	mg/kg	0.0022	0.00011	1	05/20/23 01:57	05/28/23 15:22	319-86-8	
gamma-BHC (Lindane)	<b>0.000062</b> U	mg/kg	0.0022	0.000062	1	05/20/23 01:57	05/28/23 15:22	58-89-9	
Chlordane (Technical)	<b>0.0065</b> U	mg/kg	0.022	0.0065	1	05/20/23 01:57	05/28/23 15:22	57-74-9	
4,4'-DDD	<b>0.000096</b> U	mg/kg	0.0022	0.000096	1	05/20/23 01:57	05/28/23 15:22	72-54-8	
4,4'-DDE	<b>0.000085</b> U	mg/kg	0.0022	0.000085	1	05/20/23 01:57	05/28/23 15:22	72-55-9	
4,4'-DDT	<b>0.00013</b> U	mg/kg	0.0022	0.00013	1	05/20/23 01:57	05/28/23 15:22	50-29-3	
Dieldrin	<b>0.000082</b> U	mg/kg	0.0022	0.000082	1	05/20/23 01:57	05/28/23 15:22	60-57-1	
Endosulfan I	<b>0.00024</b> U	mg/kg	0.0022	0.00024	1	05/20/23 01:57	05/28/23 15:22	959-98-8	
Endosulfan II	<b>0.000096</b> U	mg/kg	0.0022	0.000096	1	05/20/23 01:57	05/28/23 15:22	33213-65-9	
Endosulfan sulfate	<b>0.000085</b> U	mg/kg	0.0022	0.000085	1	05/20/23 01:57	05/28/23 15:22	1031-07-8	
Endrin	<b>0.00014</b> U	mg/kg	0.0022	0.00014	1	05/20/23 01:57	05/28/23 15:22	72-20-8	
Endrin aldehyde	<b>0.00014</b> U	mg/kg	0.0043	0.00014	1	05/20/23 01:57	05/28/23 15:22	7421-93-4	
Endrin ketone	<b>0.00010</b> U	mg/kg	0.0022	0.00010	1	05/20/23 01:57	05/28/23 15:22	53494-70-5	
Heptachlor	<b>0.00023</b> U	mg/kg	0.0022	0.00023	1	05/20/23 01:57	05/28/23 15:22	76-44-8	
Heptachlor epoxide	<b>0.000093</b> U	mg/kg	0.0022	0.000093	1	05/20/23 01:57	05/28/23 15:22	1024-57-3	
Methoxychlor	<b>0.00032</b> U	mg/kg	0.0022	0.00032	1	05/20/23 01:57	05/28/23 15:22	72-43-5	
Toxaphene	<b>0.0093</b> U	mg/kg	0.022	0.0093	1	05/20/23 01:57	05/28/23 15:22	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	84	%	53-140		1	05/20/23 01:57	05/28/23 15:22	877-09-8	
Decachlorobiphenyl (S)	52	%	43-157		1	05/20/23 01:57	05/28/23 15:22	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>15.0</b>	mg/kg	7.6	6.6	1	05/22/23 07:14	05/22/23 20:39		
<b>Surrogates</b>									
o-Terphenyl (S)	86	%	66-136		1	05/22/23 07:14	05/22/23 20:39	84-15-1	
N-Pentatriacontane (S)	83	%	42-159		1	05/22/23 07:14	05/22/23 20:39	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.51</b> U	mg/kg	1.0	0.51	1	05/20/23 11:42	05/23/23 05:24	7440-36-0	
Arsenic	<b>2.3</b>	mg/kg	0.68	0.34	1	05/20/23 11:42	05/23/23 05:24	7440-38-2	
Beryllium	<b>0.11</b>	mg/kg	0.068	0.012	1	05/20/23 11:42	05/23/23 05:24	7440-41-7	
Cadmium	<b>0.034</b> U	mg/kg	0.068	0.034	1	05/20/23 11:42	05/23/23 05:24	7440-43-9	
Chromium	<b>7.4</b>	mg/kg	0.34	0.17	1	05/20/23 11:42	05/23/23 05:24	7440-47-3	
Copper	<b>0.75</b>	mg/kg	0.34	0.17	1	05/20/23 11:42	05/23/23 05:24	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-15 (0.5-2) Lab ID: 35800552029 Collected: 05/17/23 15:13 Received: 05/18/23 11:27 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							
Lead	2.6	mg/kg	0.68	0.34	1	05/20/23 11:42	05/23/23 05:24	7439-92-1	
Nickel	3.3	mg/kg	0.34	0.17	1	05/20/23 11:42	05/23/23 05:24	7440-02-0	
Selenium	0.51 U	mg/kg	1.0	0.51	1	05/20/23 11:42	05/23/23 05:24	7782-49-2	
Silver	0.075 U	mg/kg	0.34	0.075	1	05/20/23 11:42	05/23/23 05:24	7440-22-4	
Thallium	0.45 U	mg/kg	1.0	0.45	1	05/20/23 11:42	05/23/23 05:24	7440-28-0	
Zinc	2.4 U	mg/kg	6.8	2.4	1	05/20/23 11:42	05/23/23 05:24	7440-66-6	
<b>7471 Mercury</b>		Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach							
Mercury	0.017	mg/kg	0.011	0.0053	1	05/19/23 10:40	05/25/23 07:42	7439-97-6	
<b>8270 Solid PAH</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Acenaphthene	0.020 U	mg/kg	0.046	0.020	1	05/22/23 09:57	05/23/23 18:56	83-32-9	
Acenaphthylene	0.0067 U	mg/kg	0.043	0.0067	1	05/22/23 09:57	05/23/23 18:56	208-96-8	
Anthracene	0.0058 U	mg/kg	0.046	0.0058	1	05/22/23 09:57	05/23/23 18:56	120-12-7	
Benzo(a)anthracene	0.0057 U	mg/kg	0.043	0.0057	1	05/22/23 09:57	05/23/23 18:56	56-55-3	
Benzo(a)pyrene	0.011 U	mg/kg	0.043	0.011	1	05/22/23 09:57	05/23/23 18:56	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.043	0.011	1	05/22/23 09:57	05/23/23 18:56	205-99-2	
Benzo(g,h,i)perylene	0.011 U	mg/kg	0.043	0.011	1	05/22/23 09:57	05/23/23 18:56	191-24-2	
Benzo(k)fluoranthene	0.011 U	mg/kg	0.043	0.011	1	05/22/23 09:57	05/23/23 18:56	207-08-9	
Chrysene	0.0057 U	mg/kg	0.043	0.0057	1	05/22/23 09:57	05/23/23 18:56	218-01-9	
Dibenz(a,h)anthracene	0.0099 U	mg/kg	0.043	0.0099	1	05/22/23 09:57	05/23/23 18:56	53-70-3	
Fluoranthene	0.014 U	mg/kg	0.043	0.014	1	05/22/23 09:57	05/23/23 18:56	206-44-0	
Fluorene	0.015 U	mg/kg	0.047	0.015	1	05/22/23 09:57	05/23/23 18:56	86-73-7	
Indeno(1,2,3-cd)pyrene	0.0098 U	mg/kg	0.043	0.0098	1	05/22/23 09:57	05/23/23 18:56	193-39-5	
1-Methylnaphthalene	0.0071 U	mg/kg	0.051	0.0071	1	05/22/23 09:57	05/23/23 18:56	90-12-0	
2-Methylnaphthalene	0.0067 U	mg/kg	0.050	0.0067	1	05/22/23 09:57	05/23/23 18:56	91-57-6	
Naphthalene	0.015 U	mg/kg	0.044	0.015	1	05/22/23 09:57	05/23/23 18:56	91-20-3	
Phenanthrene	0.0061 U	mg/kg	0.043	0.0061	1	05/22/23 09:57	05/23/23 18:56	85-01-8	
Pyrene	0.0057 U	mg/kg	0.043	0.0057	1	05/22/23 09:57	05/23/23 18:56	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	55	%	24-98		1	05/22/23 09:57	05/23/23 18:56	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-101		1	05/22/23 09:57	05/23/23 18:56	321-60-8	
p-Terphenyl-d14 (S)	73	%	29-112		1	05/22/23 09:57	05/23/23 18:56	1718-51-0	
<b>8260 MSV 5035</b>		Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach							
Acetone	0.012 U	mg/kg	0.068	0.012	1	05/22/23 08:02	05/23/23 00:43	67-64-1	
Benzene	0.0014 U	mg/kg	0.0068	0.0014	1	05/22/23 08:02	05/23/23 00:43	71-43-2	
Bromochloromethane	0.0010 U	mg/kg	0.0068	0.0010	1	05/22/23 08:02	05/23/23 00:43	74-97-5	
Bromodichloromethane	0.0015 U	mg/kg	0.0068	0.0015	1	05/22/23 08:02	05/23/23 00:43	75-27-4	
Bromoform	0.0015 U	mg/kg	0.0068	0.0015	1	05/22/23 08:02	05/23/23 00:43	75-25-2	
Bromomethane	0.0025 U	mg/kg	0.0068	0.0025	1	05/22/23 08:02	05/23/23 00:43	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-15 (0.5-2) Lab ID: 35800552029 Collected: 05/17/23 15:13 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0068</b> U	mg/kg	0.068	0.0068	1	05/22/23 08:02	05/23/23 00:43	78-93-3	J(v2)
Carbon disulfide	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/22/23 08:02	05/23/23 00:43	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/22/23 08:02	05/23/23 00:43	56-23-5	
Chlorobenzene	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/22/23 08:02	05/23/23 00:43	108-90-7	
Chloroethane	<b>0.0029</b> U	mg/kg	0.0068	0.0029	1	05/22/23 08:02	05/23/23 00:43	75-00-3	
Chloroform	<b>0.0011</b> U	mg/kg	0.0068	0.0011	1	05/22/23 08:02	05/23/23 00:43	67-66-3	
Chloromethane	<b>0.0012</b> U	mg/kg	0.0068	0.0012	1	05/22/23 08:02	05/23/23 00:43	74-87-3	
Dibromochloromethane	<b>0.0012</b> U	mg/kg	0.0068	0.0012	1	05/22/23 08:02	05/23/23 00:43	124-48-1	
Dibromomethane	<b>0.00097</b> U	mg/kg	0.0068	0.00097	1	05/22/23 08:02	05/23/23 00:43	74-95-3	
1,2-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0068	0.0010	1	05/22/23 08:02	05/23/23 00:43	95-50-1	
1,3-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0068	0.0012	1	05/22/23 08:02	05/23/23 00:43	541-73-1	
1,4-Dichlorobenzene	<b>0.00091</b> U	mg/kg	0.0068	0.00091	1	05/22/23 08:02	05/23/23 00:43	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/22/23 08:02	05/23/23 00:43	110-57-6	
1,1-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/22/23 08:02	05/23/23 00:43	75-34-3	
1,2-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0068	0.0011	1	05/22/23 08:02	05/23/23 00:43	107-06-2	
1,1-Dichloroethene	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/22/23 08:02	05/23/23 00:43	75-35-4	
cis-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0068	0.0015	1	05/22/23 08:02	05/23/23 00:43	156-59-2	
trans-1,2-Dichloroethene	<b>0.0018</b> U	mg/kg	0.0068	0.0018	1	05/22/23 08:02	05/23/23 00:43	156-60-5	
1,2-Dichloropropane	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/22/23 08:02	05/23/23 00:43	78-87-5	
1,3-Dichloropropene	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/22/23 08:02	05/23/23 00:43	542-75-6	
Ethylbenzene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/22/23 08:02	05/23/23 00:43	100-41-4	
2-Hexanone	<b>0.0068</b> U	mg/kg	0.034	0.0068	1	05/22/23 08:02	05/23/23 00:43	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0018</b> U	mg/kg	0.0068	0.0018	1	05/22/23 08:02	05/23/23 00:43	98-82-8	
Methylene Chloride	<b>0.0060</b> U	mg/kg	0.0068	0.0060	1	05/22/23 08:02	05/23/23 00:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0068</b> U	mg/kg	0.034	0.0068	1	05/22/23 08:02	05/23/23 00:43	108-10-1	
Methyl-tert-butyl ether	<b>0.0020</b> U	mg/kg	0.0068	0.0020	1	05/22/23 08:02	05/23/23 00:43	1634-04-4	
Styrene	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/22/23 08:02	05/23/23 00:43	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00083</b> U	mg/kg	0.0068	0.00083	1	05/22/23 08:02	05/23/23 00:43	79-34-5	
Tetrachloroethene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/22/23 08:02	05/23/23 00:43	127-18-4	
Toluene	<b>0.0011</b> U	mg/kg	0.0068	0.0011	1	05/22/23 08:02	05/23/23 00:43	108-88-3	
1,1,2-Trichloroethane	<b>0.0018</b> U	mg/kg	0.0068	0.0018	1	05/22/23 08:02	05/23/23 00:43	71-55-6	
1,1,2-Trichloroethane	<b>0.00081</b> U	mg/kg	0.0068	0.00081	1	05/22/23 08:02	05/23/23 00:43	79-00-5	
Trichloroethene	<b>0.0016</b> U	mg/kg	0.0068	0.0016	1	05/22/23 08:02	05/23/23 00:43	79-01-6	
Trichlorofluoromethane	<b>0.0034</b> U	mg/kg	0.0068	0.0034	1	05/22/23 08:02	05/23/23 00:43	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0015</b> U	mg/kg	0.0068	0.0015	1	05/22/23 08:02	05/23/23 00:43	95-63-6	
Vinyl chloride	<b>0.0013</b> U	mg/kg	0.0068	0.0013	1	05/22/23 08:02	05/23/23 00:43	75-01-4	
Xylene (Total)	<b>0.0070</b> U	mg/kg	0.020	0.0070	1	05/22/23 08:02	05/23/23 00:43	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	68-125		1	05/22/23 08:02	05/23/23 00:43	460-00-4	
Toluene-d8 (S)	100	%	70-130		1	05/22/23 08:02	05/23/23 00:43	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	05/22/23 08:02	05/23/23 00:43	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-15 (0.5-2)      Lab ID: 35800552029      Collected: 05/17/23 15:13      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>21.4</b>	%	0.10	0.10	1			05/22/23 07:53	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-15 (2-3.5) Lab ID: 35800552030 Collected: 05/17/23 15:17 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00023</b> U	mg/kg	0.0023	0.00023	1	05/20/23 01:57	05/28/23 15:36	309-00-2	
alpha-BHC	<b>0.00012</b> U	mg/kg	0.0023	0.00012	1	05/20/23 01:57	05/28/23 15:36	319-84-6	
beta-BHC	<b>0.00027</b> U	mg/kg	0.0023	0.00027	1	05/20/23 01:57	05/28/23 15:36	319-85-7	
delta-BHC	<b>0.00012</b> U	mg/kg	0.0023	0.00012	1	05/20/23 01:57	05/28/23 15:36	319-86-8	
gamma-BHC (Lindane)	<b>0.000065</b> U	mg/kg	0.0023	0.000065	1	05/20/23 01:57	05/28/23 15:36	58-89-9	C2
Chlordane (Technical)	<b>0.0068</b> U	mg/kg	0.023	0.0068	1	05/20/23 01:57	05/28/23 15:36	57-74-9	
4,4'-DDD	<b>0.00010</b> U	mg/kg	0.0023	0.00010	1	05/20/23 01:57	05/28/23 15:36	72-54-8	
4,4'-DDE	<b>0.000089</b> U	mg/kg	0.0023	0.000089	1	05/20/23 01:57	05/28/23 15:36	72-55-9	
4,4'-DDT	<b>0.00014</b> U	mg/kg	0.0023	0.00014	1	05/20/23 01:57	05/28/23 15:36	50-29-3	
Dieldrin	<b>0.000086</b> U	mg/kg	0.0023	0.000086	1	05/20/23 01:57	05/28/23 15:36	60-57-1	
Endosulfan I	<b>0.00025</b> U	mg/kg	0.0023	0.00025	1	05/20/23 01:57	05/28/23 15:36	959-98-8	
Endosulfan II	<b>0.00010</b> U	mg/kg	0.0023	0.00010	1	05/20/23 01:57	05/28/23 15:36	33213-65-9	
Endosulfan sulfate	<b>0.000089</b> U	mg/kg	0.0023	0.000089	1	05/20/23 01:57	05/28/23 15:36	1031-07-8	
Endrin	<b>0.00014</b> U	mg/kg	0.0023	0.00014	1	05/20/23 01:57	05/28/23 15:36	72-20-8	
Endrin aldehyde	<b>0.00015</b> U	mg/kg	0.0045	0.00015	1	05/20/23 01:57	05/28/23 15:36	7421-93-4	
Endrin ketone	<b>0.00010</b> U	mg/kg	0.0023	0.00010	1	05/20/23 01:57	05/28/23 15:36	53494-70-5	
Heptachlor	<b>0.00024</b> U	mg/kg	0.0023	0.00024	1	05/20/23 01:57	05/28/23 15:36	76-44-8	
Heptachlor epoxide	<b>0.000097</b> U	mg/kg	0.0023	0.000097	1	05/20/23 01:57	05/28/23 15:36	1024-57-3	
Methoxychlor	<b>0.00033</b> U	mg/kg	0.0023	0.00033	1	05/20/23 01:57	05/28/23 15:36	72-43-5	
Toxaphene	<b>0.0098</b> U	mg/kg	0.023	0.0098	1	05/20/23 01:57	05/28/23 15:36	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	93	%	53-140		1	05/20/23 01:57	05/28/23 15:36	877-09-8	
Decachlorobiphenyl (S)	79	%	43-157		1	05/20/23 01:57	05/28/23 15:36	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>18.3</b>	mg/kg	7.9	6.8	1	05/22/23 07:14	05/24/23 14:59		
<b>Surrogates</b>									
o-Terphenyl (S)	102	%	66-136		1	05/22/23 07:14	05/24/23 14:59	84-15-1	
N-Pentatriacontane (S)	105	%	42-159		1	05/22/23 07:14	05/24/23 14:59	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.59</b> U	mg/kg	1.2	0.59	1	05/20/23 11:42	05/23/23 05:28	7440-36-0	
Arsenic	<b>0.88</b>	mg/kg	0.78	0.39	1	05/20/23 11:42	05/23/23 05:28	7440-38-2	
Beryllium	<b>0.022</b> I	mg/kg	0.078	0.014	1	05/20/23 11:42	05/23/23 05:28	7440-41-7	
Cadmium	<b>0.039</b> U	mg/kg	0.078	0.039	1	05/20/23 11:42	05/23/23 05:28	7440-43-9	
Chromium	<b>2.7</b>	mg/kg	0.39	0.20	1	05/20/23 11:42	05/23/23 05:28	7440-47-3	
Copper	<b>0.74</b>	mg/kg	0.39	0.20	1	05/20/23 11:42	05/23/23 05:28	7440-50-8	
Lead	<b>2.0</b>	mg/kg	0.78	0.39	1	05/20/23 11:42	05/23/23 05:28	7439-92-1	
Nickel	<b>1.4</b>	mg/kg	0.39	0.20	1	05/20/23 11:42	05/23/23 05:28	7440-02-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-15 (2-3.5) Lab ID: 35800552030 Collected: 05/17/23 15:17 Received: 05/18/23 11:27 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								
Selenium	<b>0.70</b> I	mg/kg	1.2	0.59	1	05/20/23 11:42	05/23/23 05:28	7782-49-2	
Silver	<b>0.086</b> U	mg/kg	0.39	0.086	1	05/20/23 11:42	05/23/23 05:28	7440-22-4	
Thallium	<b>0.52</b> U	mg/kg	1.2	0.52	1	05/20/23 11:42	05/23/23 05:28	7440-28-0	
Zinc	<b>2.8</b> U	mg/kg	7.8	2.8	1	05/20/23 11:42	05/23/23 05:28	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.016</b>	mg/kg	0.0096	0.0048	1	05/19/23 10:40	05/25/23 07:45	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.021</b> U	mg/kg	0.047	0.021	1	05/22/23 09:57	05/23/23 19:21	83-32-9	
Acenaphthylene	<b>0.0070</b> U	mg/kg	0.045	0.0070	1	05/22/23 09:57	05/23/23 19:21	208-96-8	
Anthracene	<b>0.0061</b> U	mg/kg	0.047	0.0061	1	05/22/23 09:57	05/23/23 19:21	120-12-7	
Benzo(a)anthracene	<b>0.0059</b> U	mg/kg	0.045	0.0059	1	05/22/23 09:57	05/23/23 19:21	56-55-3	
Benzo(a)pyrene	<b>0.011</b> U	mg/kg	0.045	0.011	1	05/22/23 09:57	05/23/23 19:21	50-32-8	
Benzo(b)fluoranthene	<b>0.012</b> U	mg/kg	0.045	0.012	1	05/22/23 09:57	05/23/23 19:21	205-99-2	
Benzo(g,h,i)perylene	<b>0.011</b> U	mg/kg	0.045	0.011	1	05/22/23 09:57	05/23/23 19:21	191-24-2	
Benzo(k)fluoranthene	<b>0.012</b> U	mg/kg	0.045	0.012	1	05/22/23 09:57	05/23/23 19:21	207-08-9	
Chrysene	<b>0.0059</b> U	mg/kg	0.045	0.0059	1	05/22/23 09:57	05/23/23 19:21	218-01-9	
Dibenz(a,h)anthracene	<b>0.010</b> U	mg/kg	0.045	0.010	1	05/22/23 09:57	05/23/23 19:21	53-70-3	
Fluoranthene	<b>0.014</b> U	mg/kg	0.045	0.014	1	05/22/23 09:57	05/23/23 19:21	206-44-0	
Fluorene	<b>0.016</b> U	mg/kg	0.049	0.016	1	05/22/23 09:57	05/23/23 19:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.010</b> U	mg/kg	0.045	0.010	1	05/22/23 09:57	05/23/23 19:21	193-39-5	
1-Methylnaphthalene	<b>0.0074</b> U	mg/kg	0.053	0.0074	1	05/22/23 09:57	05/23/23 19:21	90-12-0	
2-Methylnaphthalene	<b>0.0070</b> U	mg/kg	0.051	0.0070	1	05/22/23 09:57	05/23/23 19:21	91-57-6	
Naphthalene	<b>0.016</b> U	mg/kg	0.046	0.016	1	05/22/23 09:57	05/23/23 19:21	91-20-3	
Phenanthrene	<b>0.0063</b> U	mg/kg	0.045	0.0063	1	05/22/23 09:57	05/23/23 19:21	85-01-8	
Pyrene	<b>0.0059</b> U	mg/kg	0.045	0.0059	1	05/22/23 09:57	05/23/23 19:21	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	48	%	24-98		1	05/22/23 09:57	05/23/23 19:21	4165-60-0	
2-Fluorobiphenyl (S)	57	%	29-101		1	05/22/23 09:57	05/23/23 19:21	321-60-8	
p-Terphenyl-d14 (S)	64	%	29-112		1	05/22/23 09:57	05/23/23 19:21	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.099</b>	mg/kg	0.069	0.012	1	05/22/23 08:02	05/23/23 01:05	67-64-1	
Benzene	<b>0.0014</b> U	mg/kg	0.0069	0.0014	1	05/22/23 08:02	05/23/23 01:05	71-43-2	
Bromochloromethane	<b>0.0010</b> U	mg/kg	0.0069	0.0010	1	05/22/23 08:02	05/23/23 01:05	74-97-5	
Bromodichloromethane	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/22/23 08:02	05/23/23 01:05	75-27-4	
Bromoform	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/22/23 08:02	05/23/23 01:05	75-25-2	
Bromomethane	<b>0.0025</b> U	mg/kg	0.0069	0.0025	1	05/22/23 08:02	05/23/23 01:05	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.015</b> I	mg/kg	0.069	0.0069	1	05/22/23 08:02	05/23/23 01:05	78-93-3	J(v3)
Carbon disulfide	<b>0.0034</b> U	mg/kg	0.0069	0.0034	1	05/22/23 08:02	05/23/23 01:05	75-15-0	J(v1)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-15 (2-3.5) Lab ID: 35800552030 Collected: 05/17/23 15:17 Received: 05/18/23 11:27 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								
Carbon tetrachloride	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/22/23 08:02	05/23/23 01:05	56-23-5	
Chlorobenzene	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/22/23 08:02	05/23/23 01:05	108-90-7	
Chloroethane	<b>0.0029</b> U	mg/kg	0.0069	0.0029	1	05/22/23 08:02	05/23/23 01:05	75-00-3	
Chloroform	<b>0.0012</b> U	mg/kg	0.0069	0.0012	1	05/22/23 08:02	05/23/23 01:05	67-66-3	
Chloromethane	<b>0.0012</b> U	mg/kg	0.0069	0.0012	1	05/22/23 08:02	05/23/23 01:05	74-87-3	
Dibromochloromethane	<b>0.0012</b> U	mg/kg	0.0069	0.0012	1	05/22/23 08:02	05/23/23 01:05	124-48-1	
Dibromomethane	<b>0.00098</b> U	mg/kg	0.0069	0.00098	1	05/22/23 08:02	05/23/23 01:05	74-95-3	
1,2-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0069	0.0010	1	05/22/23 08:02	05/23/23 01:05	95-50-1	
1,3-Dichlorobenzene	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/22/23 08:02	05/23/23 01:05	541-73-1	
1,4-Dichlorobenzene	<b>0.00092</b> U	mg/kg	0.0069	0.00092	1	05/22/23 08:02	05/23/23 01:05	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/22/23 08:02	05/23/23 01:05	110-57-6	
1,1-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/22/23 08:02	05/23/23 01:05	75-34-3	
1,2-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0069	0.0011	1	05/22/23 08:02	05/23/23 01:05	107-06-2	
1,1-Dichloroethene	<b>0.0034</b> U	mg/kg	0.0069	0.0034	1	05/22/23 08:02	05/23/23 01:05	75-35-4	
cis-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/22/23 08:02	05/23/23 01:05	156-59-2	
trans-1,2-Dichloroethene	<b>0.0018</b> U	mg/kg	0.0069	0.0018	1	05/22/23 08:02	05/23/23 01:05	156-60-5	
1,2-Dichloropropane	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/22/23 08:02	05/23/23 01:05	78-87-5	
1,3-Dichloropropene	<b>0.0034</b> U	mg/kg	0.0069	0.0034	1	05/22/23 08:02	05/23/23 01:05	542-75-6	
Ethylbenzene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/22/23 08:02	05/23/23 01:05	100-41-4	
2-Hexanone	<b>0.0069</b> U	mg/kg	0.034	0.0069	1	05/22/23 08:02	05/23/23 01:05	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0018</b> U	mg/kg	0.0069	0.0018	1	05/22/23 08:02	05/23/23 01:05	98-82-8	
Methylene Chloride	<b>0.0061</b> U	mg/kg	0.0069	0.0061	1	05/22/23 08:02	05/23/23 01:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0069</b> U	mg/kg	0.034	0.0069	1	05/22/23 08:02	05/23/23 01:05	108-10-1	
Methyl-tert-butyl ether	<b>0.0021</b> U	mg/kg	0.0069	0.0021	1	05/22/23 08:02	05/23/23 01:05	1634-04-4	
Styrene	<b>0.0034</b> U	mg/kg	0.0069	0.0034	1	05/22/23 08:02	05/23/23 01:05	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00084</b> U	mg/kg	0.0069	0.00084	1	05/22/23 08:02	05/23/23 01:05	79-34-5	
Tetrachloroethene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/22/23 08:02	05/23/23 01:05	127-18-4	
Toluene	<b>0.0011</b> U	mg/kg	0.0069	0.0011	1	05/22/23 08:02	05/23/23 01:05	108-88-3	
1,1,1-Trichloroethane	<b>0.0018</b> U	mg/kg	0.0069	0.0018	1	05/22/23 08:02	05/23/23 01:05	71-55-6	
1,1,2-Trichloroethane	<b>0.00081</b> U	mg/kg	0.0069	0.00081	1	05/22/23 08:02	05/23/23 01:05	79-00-5	
Trichloroethene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/22/23 08:02	05/23/23 01:05	79-01-6	
Trichlorofluoromethane	<b>0.0034</b> U	mg/kg	0.0069	0.0034	1	05/22/23 08:02	05/23/23 01:05	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/22/23 08:02	05/23/23 01:05	95-63-6	
Vinyl chloride	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/22/23 08:02	05/23/23 01:05	75-01-4	
Xylene (Total)	<b>0.0071</b> U	mg/kg	0.021	0.0071	1	05/22/23 08:02	05/23/23 01:05	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	68-125		1	05/22/23 08:02	05/23/23 01:05	460-00-4	
Toluene-d8 (S)	98	%	70-130		1	05/22/23 08:02	05/23/23 01:05	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	05/22/23 08:02	05/23/23 01:05	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>24.7</b>	%	0.10	0.10	1			05/22/23 07:53	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-13 (0-0.5) Lab ID: 35800552031 Collected: 05/17/23 15:49 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00022 U</b>	mg/kg	0.0022	0.00022	1	05/20/23 01:57	05/28/23 15:49	309-00-2	
alpha-BHC	<b>0.00012 U</b>	mg/kg	0.0022	0.00012	1	05/20/23 01:57	05/28/23 15:49	319-84-6	
beta-BHC	<b>0.00026 U</b>	mg/kg	0.0022	0.00026	1	05/20/23 01:57	05/28/23 15:49	319-85-7	
delta-BHC	<b>0.00011 U</b>	mg/kg	0.0022	0.00011	1	05/20/23 01:57	05/28/23 15:49	319-86-8	
gamma-BHC (Lindane)	<b>0.000063 U</b>	mg/kg	0.0022	0.000063	1	05/20/23 01:57	05/28/23 15:49	58-89-9	
Chlordane (Technical)	<b>0.0066 U</b>	mg/kg	0.022	0.0066	1	05/20/23 01:57	05/28/23 15:49	57-74-9	
4,4'-DDD	<b>0.000098 U</b>	mg/kg	0.0022	0.000098	1	05/20/23 01:57	05/28/23 15:49	72-54-8	
4,4'-DDE	<b>0.000087 U</b>	mg/kg	0.0022	0.000087	1	05/20/23 01:57	05/28/23 15:49	72-55-9	
4,4'-DDT	<b>0.00013 U</b>	mg/kg	0.0022	0.00013	1	05/20/23 01:57	05/28/23 15:49	50-29-3	
Dieldrin	<b>0.000084 U</b>	mg/kg	0.0022	0.000084	1	05/20/23 01:57	05/28/23 15:49	60-57-1	
Endosulfan I	<b>0.00025 U</b>	mg/kg	0.0022	0.00025	1	05/20/23 01:57	05/28/23 15:49	959-98-8	
Endosulfan II	<b>0.000098 U</b>	mg/kg	0.0022	0.000098	1	05/20/23 01:57	05/28/23 15:49	33213-65-9	
Endosulfan sulfate	<b>0.000087 U</b>	mg/kg	0.0022	0.000087	1	05/20/23 01:57	05/28/23 15:49	1031-07-8	
Endrin	<b>0.00014 U</b>	mg/kg	0.0022	0.00014	1	05/20/23 01:57	05/28/23 15:49	72-20-8	
Endrin aldehyde	<b>0.00014 U</b>	mg/kg	0.0044	0.00014	1	05/20/23 01:57	05/28/23 15:49	7421-93-4	
Endrin ketone	<b>0.00010 U</b>	mg/kg	0.0022	0.00010	1	05/20/23 01:57	05/28/23 15:49	53494-70-5	
Heptachlor	<b>0.00023 U</b>	mg/kg	0.0022	0.00023	1	05/20/23 01:57	05/28/23 15:49	76-44-8	
Heptachlor epoxide	<b>0.000094 U</b>	mg/kg	0.0022	0.000094	1	05/20/23 01:57	05/28/23 15:49	1024-57-3	
Methoxychlor	<b>0.00032 U</b>	mg/kg	0.0022	0.00032	1	05/20/23 01:57	05/28/23 15:49	72-43-5	
Toxaphene	<b>0.0095 U</b>	mg/kg	0.022	0.0095	1	05/20/23 01:57	05/28/23 15:49	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	93	%	53-140		1	05/20/23 01:57	05/28/23 15:49	877-09-8	
Decachlorobiphenyl (S)	77	%	43-157		1	05/20/23 01:57	05/28/23 15:49	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>11.2</b>	mg/kg	7.8	6.7	1	05/22/23 07:14	05/24/23 15:12		
<b>Surrogates</b>									
o-Terphenyl (S)	105	%	66-136		1	05/22/23 07:14	05/24/23 15:12	84-15-1	
N-Pentatriacontane (S)	100	%	42-159		1	05/22/23 07:14	05/24/23 15:12	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
		Pace Analytical Services - Ormond Beach							
Antimony	<b>0.71 I</b>	mg/kg	1.1	0.57	1	05/20/23 11:42	05/23/23 05:39	7440-36-0	
Arsenic	<b>2.1</b>	mg/kg	0.75	0.38	1	05/20/23 11:42	05/23/23 05:39	7440-38-2	
Beryllium	<b>0.049 I</b>	mg/kg	0.075	0.013	1	05/20/23 11:42	05/23/23 05:39	7440-41-7	
Cadmium	<b>0.075 U</b>	mg/kg	0.15	0.075	2	05/20/23 11:42	05/24/23 13:04	7440-43-9	D3
Chromium	<b>6.4</b>	mg/kg	0.38	0.19	1	05/20/23 11:42	05/23/23 05:39	7440-47-3	
Copper	<b>0.19 U</b>	mg/kg	0.38	0.19	1	05/20/23 11:42	05/23/23 05:39	7440-50-8	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-13 (0-0.5) Lab ID: 35800552031 Collected: 05/17/23 15:49 Received: 05/18/23 11:27 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								
Lead	<b>0.92</b>	mg/kg	0.75	0.38	1	05/20/23 11:42	05/23/23 05:39	7439-92-1	
Nickel	<b>1.6</b>	mg/kg	0.38	0.19	1	05/20/23 11:42	05/23/23 05:39	7440-02-0	
Selenium	<b>0.99 I</b>	mg/kg	1.1	0.57	1	05/20/23 11:42	05/23/23 05:39	7782-49-2	
Silver	<b>0.083 U</b>	mg/kg	0.38	0.083	1	05/20/23 11:42	05/23/23 05:39	7440-22-4	
Thallium	<b>0.50 U</b>	mg/kg	1.1	0.50	1	05/20/23 11:42	05/23/23 05:39	7440-28-0	
Zinc	<b>2.7 U</b>	mg/kg	7.5	2.7	1	05/20/23 11:42	05/23/23 05:39	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.022</b>	mg/kg	0.012	0.0059	1	05/19/23 10:40	05/25/23 07:47	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.040 U</b>	mg/kg	0.090	0.040	1	05/22/23 09:57	05/23/23 19:46	83-32-9	P1
Acenaphthylene	<b>0.013 U</b>	mg/kg	0.085	0.013	1	05/22/23 09:57	05/23/23 19:46	208-96-8	P1
Anthracene	<b>0.012 U</b>	mg/kg	0.090	0.012	1	05/22/23 09:57	05/23/23 19:46	120-12-7	P1
Benzo(a)anthracene	<b>0.011 U</b>	mg/kg	0.085	0.011	1	05/22/23 09:57	05/23/23 19:46	56-55-3	P1
Benzo(a)pyrene	<b>0.021 U</b>	mg/kg	0.085	0.021	1	05/22/23 09:57	05/23/23 19:46	50-32-8	P1
Benzo(b)fluoranthene	<b>0.023 U</b>	mg/kg	0.085	0.023	1	05/22/23 09:57	05/23/23 19:46	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.021 U</b>	mg/kg	0.085	0.021	1	05/22/23 09:57	05/23/23 19:46	191-24-2	P1
Benzo(k)fluoranthene	<b>0.023 U</b>	mg/kg	0.085	0.023	1	05/22/23 09:57	05/23/23 19:46	207-08-9	P1
Chrysene	<b>0.011 U</b>	mg/kg	0.085	0.011	1	05/22/23 09:57	05/23/23 19:46	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.020 U</b>	mg/kg	0.085	0.020	1	05/22/23 09:57	05/23/23 19:46	53-70-3	P1
Fluoranthene	<b>0.028 U</b>	mg/kg	0.085	0.028	1	05/22/23 09:57	05/23/23 19:46	206-44-0	P1
Fluorene	<b>0.030 U</b>	mg/kg	0.093	0.030	1	05/22/23 09:57	05/23/23 19:46	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.019 U</b>	mg/kg	0.085	0.019	1	05/22/23 09:57	05/23/23 19:46	193-39-5	P1
1-Methylnaphthalene	<b>0.014 U</b>	mg/kg	0.10	0.014	1	05/22/23 09:57	05/23/23 19:46	90-12-0	P1
2-Methylnaphthalene	<b>0.013 U</b>	mg/kg	0.098	0.013	1	05/22/23 09:57	05/23/23 19:46	91-57-6	P1
Naphthalene	<b>0.030 U</b>	mg/kg	0.088	0.030	1	05/22/23 09:57	05/23/23 19:46	91-20-3	P1
Phenanthrene	<b>0.012 U</b>	mg/kg	0.085	0.012	1	05/22/23 09:57	05/23/23 19:46	85-01-8	P1
Pyrene	<b>0.011 U</b>	mg/kg	0.085	0.011	1	05/22/23 09:57	05/23/23 19:46	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	53	%	24-98		1	05/22/23 09:57	05/23/23 19:46	4165-60-0	
2-Fluorobiphenyl (S)	62	%	29-101		1	05/22/23 09:57	05/23/23 19:46	321-60-8	
p-Terphenyl-d14 (S)	75	%	29-112		1	05/22/23 09:57	05/23/23 19:46	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.010 U</b>	mg/kg	0.057	0.010	1	05/22/23 08:02	05/23/23 01:27	67-64-1	
Benzene	<b>0.0011 U</b>	mg/kg	0.0057	0.0011	1	05/22/23 08:02	05/23/23 01:27	71-43-2	
Bromochloromethane	<b>0.00084 U</b>	mg/kg	0.0057	0.00084	1	05/22/23 08:02	05/23/23 01:27	74-97-5	
Bromodichloromethane	<b>0.0013 U</b>	mg/kg	0.0057	0.0013	1	05/22/23 08:02	05/23/23 01:27	75-27-4	
Bromoform	<b>0.0013 U</b>	mg/kg	0.0057	0.0013	1	05/22/23 08:02	05/23/23 01:27	75-25-2	
Bromomethane	<b>0.0021 U</b>	mg/kg	0.0057	0.0021	1	05/22/23 08:02	05/23/23 01:27	74-83-9	J(v2)

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-13 (0-0.5) Lab ID: 35800552031 Collected: 05/17/23 15:49 Received: 05/18/23 11:27 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								
2-Butanone (MEK)	<b>0.0057</b> U	mg/kg	0.057	0.0057	1	05/22/23 08:02	05/23/23 01:27	78-93-3	J(v2)
Carbon disulfide	<b>0.0028</b> U	mg/kg	0.0057	0.0028	1	05/22/23 08:02	05/23/23 01:27	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0014</b> U	mg/kg	0.0057	0.0014	1	05/22/23 08:02	05/23/23 01:27	56-23-5	
Chlorobenzene	<b>0.0011</b> U	mg/kg	0.0057	0.0011	1	05/22/23 08:02	05/23/23 01:27	108-90-7	
Chloroethane	<b>0.0024</b> U	mg/kg	0.0057	0.0024	1	05/22/23 08:02	05/23/23 01:27	75-00-3	
Chloroform	<b>0.00096</b> U	mg/kg	0.0057	0.00096	1	05/22/23 08:02	05/23/23 01:27	67-66-3	
Chloromethane	<b>0.0010</b> U	mg/kg	0.0057	0.0010	1	05/22/23 08:02	05/23/23 01:27	74-87-3	
Dibromochloromethane	<b>0.00099</b> U	mg/kg	0.0057	0.00099	1	05/22/23 08:02	05/23/23 01:27	124-48-1	
Dibromomethane	<b>0.00081</b> U	mg/kg	0.0057	0.00081	1	05/22/23 08:02	05/23/23 01:27	74-95-3	
1,2-Dichlorobenzene	<b>0.00087</b> U	mg/kg	0.0057	0.00087	1	05/22/23 08:02	05/23/23 01:27	95-50-1	
1,3-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0057	0.0010	1	05/22/23 08:02	05/23/23 01:27	541-73-1	
1,4-Dichlorobenzene	<b>0.00076</b> U	mg/kg	0.0057	0.00076	1	05/22/23 08:02	05/23/23 01:27	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0014</b> U	mg/kg	0.0057	0.0014	1	05/22/23 08:02	05/23/23 01:27	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0057	0.0011	1	05/22/23 08:02	05/23/23 01:27	75-34-3	
1,2-Dichloroethane	<b>0.00088</b> U	mg/kg	0.0057	0.00088	1	05/22/23 08:02	05/23/23 01:27	107-06-2	
1,1-Dichloroethene	<b>0.0028</b> U	mg/kg	0.0057	0.0028	1	05/22/23 08:02	05/23/23 01:27	75-35-4	
cis-1,2-Dichloroethene	<b>0.0013</b> U	mg/kg	0.0057	0.0013	1	05/22/23 08:02	05/23/23 01:27	156-59-2	
trans-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0057	0.0015	1	05/22/23 08:02	05/23/23 01:27	156-60-5	
1,2-Dichloropropane	<b>0.0010</b> U	mg/kg	0.0057	0.0010	1	05/22/23 08:02	05/23/23 01:27	78-87-5	
1,3-Dichloropropene	<b>0.0028</b> U	mg/kg	0.0057	0.0028	1	05/22/23 08:02	05/23/23 01:27	542-75-6	
Ethylbenzene	<b>0.0014</b> U	mg/kg	0.0057	0.0014	1	05/22/23 08:02	05/23/23 01:27	100-41-4	
2-Hexanone	<b>0.0057</b> U	mg/kg	0.028	0.0057	1	05/22/23 08:02	05/23/23 01:27	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0015</b> U	mg/kg	0.0057	0.0015	1	05/22/23 08:02	05/23/23 01:27	98-82-8	
Methylene Chloride	<b>0.0050</b> U	mg/kg	0.0057	0.0050	1	05/22/23 08:02	05/23/23 01:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0057</b> U	mg/kg	0.028	0.0057	1	05/22/23 08:02	05/23/23 01:27	108-10-1	
Methyl-tert-butyl ether	<b>0.0017</b> U	mg/kg	0.0057	0.0017	1	05/22/23 08:02	05/23/23 01:27	1634-04-4	
Styrene	<b>0.0028</b> U	mg/kg	0.0057	0.0028	1	05/22/23 08:02	05/23/23 01:27	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00069</b> U	mg/kg	0.0057	0.00069	1	05/22/23 08:02	05/23/23 01:27	79-34-5	
Tetrachloroethene	<b>0.0014</b> U	mg/kg	0.0057	0.0014	1	05/22/23 08:02	05/23/23 01:27	127-18-4	
Toluene	<b>0.00092</b> U	mg/kg	0.0057	0.00092	1	05/22/23 08:02	05/23/23 01:27	108-88-3	
1,1,2-Trichloroethane	<b>0.0015</b> U	mg/kg	0.0057	0.0015	1	05/22/23 08:02	05/23/23 01:27	71-55-6	
1,1,2-Trichloroethane	<b>0.00067</b> U	mg/kg	0.0057	0.00067	1	05/22/23 08:02	05/23/23 01:27	79-00-5	
Trichloroethene	<b>0.0014</b> U	mg/kg	0.0057	0.0014	1	05/22/23 08:02	05/23/23 01:27	79-01-6	
Trichlorofluoromethane	<b>0.0028</b> U	mg/kg	0.0057	0.0028	1	05/22/23 08:02	05/23/23 01:27	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0013</b> U	mg/kg	0.0057	0.0013	1	05/22/23 08:02	05/23/23 01:27	95-63-6	
Vinyl chloride	<b>0.0011</b> U	mg/kg	0.0057	0.0011	1	05/22/23 08:02	05/23/23 01:27	75-01-4	
Xylene (Total)	<b>0.0059</b> U	mg/kg	0.017	0.0059	1	05/22/23 08:02	05/23/23 01:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	118	%	68-125		1	05/22/23 08:02	05/23/23 01:27	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	05/22/23 08:02	05/23/23 01:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	05/22/23 08:02	05/23/23 01:27	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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Sample: SB-13 (0-0.5)      Lab ID: 35800552031      Collected: 05/17/23 15:49      Received: 05/18/23 11:27      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>23.0</b>	%	0.10	0.10	1			05/22/23 07:53	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-13 (0.5-2) Lab ID: 35800552032 Collected: 05/17/23 15:53 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0012 U</b>	mg/kg	0.012	0.0012	1	05/20/23 01:57	05/28/23 16:02	309-00-2	P1
alpha-BHC	<b>0.00064 U</b>	mg/kg	0.012	0.00064	1	05/20/23 01:57	05/28/23 16:02	319-84-6	P1
beta-BHC	<b>0.0014 U</b>	mg/kg	0.012	0.0014	1	05/20/23 01:57	05/28/23 16:02	319-85-7	P1
delta-BHC	<b>0.00060 U</b>	mg/kg	0.012	0.00060	1	05/20/23 01:57	05/28/23 16:02	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00034 U</b>	mg/kg	0.012	0.00034	1	05/20/23 01:57	05/28/23 16:02	58-89-9	P1
Chlordane (Technical)	<b>0.035 U</b>	mg/kg	0.12	0.035	1	05/20/23 01:57	05/28/23 16:02	57-74-9	P1
4,4'-DDD	<b>0.00052 U</b>	mg/kg	0.012	0.00052	1	05/20/23 01:57	05/28/23 16:02	72-54-8	P1
4,4'-DDE	<b>0.00046 U</b>	mg/kg	0.012	0.00046	1	05/20/23 01:57	05/28/23 16:02	72-55-9	P1
4,4'-DDT	<b>0.00070 U</b>	mg/kg	0.012	0.00070	1	05/20/23 01:57	05/28/23 16:02	50-29-3	P1
Dieldrin	<b>0.00045 U</b>	mg/kg	0.012	0.00045	1	05/20/23 01:57	05/28/23 16:02	60-57-1	P1
Endosulfan I	<b>0.0013 U</b>	mg/kg	0.012	0.0013	1	05/20/23 01:57	05/28/23 16:02	959-98-8	P1
Endosulfan II	<b>0.00052 U</b>	mg/kg	0.012	0.00052	1	05/20/23 01:57	05/28/23 16:02	33213-65-9	P1
Endosulfan sulfate	<b>0.00046 U</b>	mg/kg	0.012	0.00046	1	05/20/23 01:57	05/28/23 16:02	1031-07-8	P1
Endrin	<b>0.00073 U</b>	mg/kg	0.012	0.00073	1	05/20/23 01:57	05/28/23 16:02	72-20-8	P1
Endrin aldehyde	<b>0.00076 U</b>	mg/kg	0.023	0.00076	1	05/20/23 01:57	05/28/23 16:02	7421-93-4	P1
Endrin ketone	<b>0.00054 U</b>	mg/kg	0.012	0.00054	1	05/20/23 01:57	05/28/23 16:02	53494-70-5	P1
Heptachlor	<b>0.0012 U</b>	mg/kg	0.012	0.0012	1	05/20/23 01:57	05/28/23 16:02	76-44-8	P1
Heptachlor epoxide	<b>0.00050 U</b>	mg/kg	0.012	0.00050	1	05/20/23 01:57	05/28/23 16:02	1024-57-3	P1
Methoxychlor	<b>0.0017 U</b>	mg/kg	0.012	0.0017	1	05/20/23 01:57	05/28/23 16:02	72-43-5	P1
Toxaphene	<b>0.050 U</b>	mg/kg	0.12	0.050	1	05/20/23 01:57	05/28/23 16:02	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	89	%	53-140		1	05/20/23 01:57	05/28/23 16:02	877-09-8	
Decachlorobiphenyl (S)	77	%	43-157		1	05/20/23 01:57	05/28/23 16:02	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>9.5 U</b>	mg/kg	11.0	9.5	1	05/22/23 07:14	05/24/23 15:26		P1
<b>Surrogates</b>									
o-Terphenyl (S)	102	%	66-136		1	05/22/23 07:14	05/24/23 15:26	84-15-1	
N-Pentatriacontane (S)	96	%	42-159		1	05/22/23 07:14	05/24/23 15:26	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>1.3</b>	mg/kg	1.1	0.54	1	05/20/23 11:42	05/23/23 05:43	7440-36-0	
Arsenic	<b>9.2</b>	mg/kg	0.72	0.36	1	05/20/23 11:42	05/23/23 05:43	7440-38-2	
Beryllium	<b>0.053 I</b>	mg/kg	0.072	0.013	1	05/20/23 11:42	05/23/23 05:43	7440-41-7	
Cadmium	<b>0.072 U</b>	mg/kg	0.14	0.072	2	05/20/23 11:42	05/24/23 13:07	7440-43-9	D3
Chromium	<b>9.9</b>	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 05:43	7440-47-3	
Copper	<b>0.18 U</b>	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 05:43	7440-50-8	
Lead	<b>1.2</b>	mg/kg	0.72	0.36	1	05/20/23 11:42	05/23/23 05:43	7439-92-1	
Nickel	<b>1.4</b>	mg/kg	0.36	0.18	1	05/20/23 11:42	05/23/23 05:43	7440-02-0	
Selenium	<b>1.2</b>	mg/kg	1.1	0.54	1	05/20/23 11:42	05/23/23 05:43	7782-49-2	
Silver	<b>0.079 U</b>	mg/kg	0.36	0.079	1	05/20/23 11:42	05/23/23 05:43	7440-22-4	
Thallium	<b>0.48 U</b>	mg/kg	1.1	0.48	1	05/20/23 11:42	05/23/23 05:43	7440-28-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-13 (0.5-2) Lab ID: 35800552032 Collected: 05/17/23 15:53 Received: 05/18/23 11:27 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								
Zinc	<b>2.6</b> U	mg/kg	7.2	2.6	1	05/20/23 11:42	05/23/23 05:43	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.012</b>	mg/kg	0.010	0.0051	1	05/19/23 10:40	05/25/23 07:49	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.11</b> U	mg/kg	0.25	0.11	1	05/22/23 09:57	05/23/23 20:12	83-32-9	P1
Acenaphthylene	<b>0.037</b> U	mg/kg	0.24	0.037	1	05/22/23 09:57	05/23/23 20:12	208-96-8	P1
Anthracene	<b>0.032</b> U	mg/kg	0.25	0.032	1	05/22/23 09:57	05/23/23 20:12	120-12-7	P1
Benzo(a)anthracene	<b>0.031</b> U	mg/kg	0.24	0.031	1	05/22/23 09:57	05/23/23 20:12	56-55-3	P1
Benzo(a)pyrene	<b>0.058</b> U	mg/kg	0.24	0.058	1	05/22/23 09:57	05/23/23 20:12	50-32-8	P1
Benzo(b)fluoranthene	<b>0.062</b> U	mg/kg	0.24	0.062	1	05/22/23 09:57	05/23/23 20:12	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.059</b> U	mg/kg	0.24	0.059	1	05/22/23 09:57	05/23/23 20:12	191-24-2	P1
Benzo(k)fluoranthene	<b>0.062</b> U	mg/kg	0.24	0.062	1	05/22/23 09:57	05/23/23 20:12	207-08-9	P1
Chrysene	<b>0.031</b> U	mg/kg	0.24	0.031	1	05/22/23 09:57	05/23/23 20:12	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.054</b> U	mg/kg	0.24	0.054	1	05/22/23 09:57	05/23/23 20:12	53-70-3	P1
Fluoranthene	<b>0.076</b> U	mg/kg	0.24	0.076	1	05/22/23 09:57	05/23/23 20:12	206-44-0	P1
Fluorene	<b>0.083</b> U	mg/kg	0.26	0.083	1	05/22/23 09:57	05/23/23 20:12	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.053</b> U	mg/kg	0.24	0.053	1	05/22/23 09:57	05/23/23 20:12	193-39-5	P1
1-Methylnaphthalene	<b>0.039</b> U	mg/kg	0.28	0.039	1	05/22/23 09:57	05/23/23 20:12	90-12-0	P1
2-Methylnaphthalene	<b>0.037</b> U	mg/kg	0.27	0.037	1	05/22/23 09:57	05/23/23 20:12	91-57-6	P1
Naphthalene	<b>0.083</b> U	mg/kg	0.24	0.083	1	05/22/23 09:57	05/23/23 20:12	91-20-3	P1
Phenanthrene	<b>0.033</b> U	mg/kg	0.24	0.033	1	05/22/23 09:57	05/23/23 20:12	85-01-8	P1
Pyrene	<b>0.031</b> U	mg/kg	0.24	0.031	1	05/22/23 09:57	05/23/23 20:12	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	58	%	24-98		1	05/22/23 09:57	05/23/23 20:12	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-101		1	05/22/23 09:57	05/23/23 20:12	321-60-8	
p-Terphenyl-d14 (S)	83	%	29-112		1	05/22/23 09:57	05/23/23 20:12	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.0094</b> U	mg/kg	0.053	0.0094	1	05/22/23 08:02	05/23/23 01:50	67-64-1	
Benzene	<b>0.0011</b> U	mg/kg	0.0053	0.0011	1	05/22/23 08:02	05/23/23 01:50	71-43-2	
Bromochloromethane	<b>0.00078</b> U	mg/kg	0.0053	0.00078	1	05/22/23 08:02	05/23/23 01:50	74-97-5	
Bromodichloromethane	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/22/23 08:02	05/23/23 01:50	75-27-4	
Bromoform	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/22/23 08:02	05/23/23 01:50	75-25-2	
Bromomethane	<b>0.0019</b> U	mg/kg	0.0053	0.0019	1	05/22/23 08:02	05/23/23 01:50	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0053</b> U	mg/kg	0.053	0.0053	1	05/22/23 08:02	05/23/23 01:50	78-93-3	J(v2)
Carbon disulfide	<b>0.0026</b> U	mg/kg	0.0053	0.0026	1	05/22/23 08:02	05/23/23 01:50	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/22/23 08:02	05/23/23 01:50	56-23-5	
Chlorobenzene	<b>0.00098</b> U	mg/kg	0.0053	0.00098	1	05/22/23 08:02	05/23/23 01:50	108-90-7	
Chloroethane	<b>0.0022</b> U	mg/kg	0.0053	0.0022	1	05/22/23 08:02	05/23/23 01:50	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-13 (0.5-2) Lab ID: 35800552032 Collected: 05/17/23 15:53 Received: 05/18/23 11:27 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								
Chloroform	<b>0.00089</b> U	mg/kg	0.0053	0.00089	1	05/22/23 08:02	05/23/23 01:50	67-66-3	
Chloromethane	<b>0.00094</b> U	mg/kg	0.0053	0.00094	1	05/22/23 08:02	05/23/23 01:50	74-87-3	
Dibromochloromethane	<b>0.00092</b> U	mg/kg	0.0053	0.00092	1	05/22/23 08:02	05/23/23 01:50	124-48-1	
Dibromomethane	<b>0.00075</b> U	mg/kg	0.0053	0.00075	1	05/22/23 08:02	05/23/23 01:50	74-95-3	
1,2-Dichlorobenzene	<b>0.00080</b> U	mg/kg	0.0053	0.00080	1	05/22/23 08:02	05/23/23 01:50	95-50-1	
1,3-Dichlorobenzene	<b>0.00096</b> U	mg/kg	0.0053	0.00096	1	05/22/23 08:02	05/23/23 01:50	541-73-1	
1,4-Dichlorobenzene	<b>0.00071</b> U	mg/kg	0.0053	0.00071	1	05/22/23 08:02	05/23/23 01:50	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/22/23 08:02	05/23/23 01:50	110-57-6	
1,1-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0053	0.0010	1	05/22/23 08:02	05/23/23 01:50	75-34-3	
1,2-Dichloroethane	<b>0.00081</b> U	mg/kg	0.0053	0.00081	1	05/22/23 08:02	05/23/23 01:50	107-06-2	
1,1-Dichloroethene	<b>0.0026</b> U	mg/kg	0.0053	0.0026	1	05/22/23 08:02	05/23/23 01:50	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/22/23 08:02	05/23/23 01:50	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/22/23 08:02	05/23/23 01:50	156-60-5	
1,2-Dichloropropane	<b>0.00097</b> U	mg/kg	0.0053	0.00097	1	05/22/23 08:02	05/23/23 01:50	78-87-5	
1,3-Dichloropropene	<b>0.0026</b> U	mg/kg	0.0053	0.0026	1	05/22/23 08:02	05/23/23 01:50	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/22/23 08:02	05/23/23 01:50	100-41-4	
2-Hexanone	<b>0.0053</b> U	mg/kg	0.026	0.0053	1	05/22/23 08:02	05/23/23 01:50	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/22/23 08:02	05/23/23 01:50	98-82-8	
Methylene Chloride	<b>0.0046</b> U	mg/kg	0.0053	0.0046	1	05/22/23 08:02	05/23/23 01:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0053</b> U	mg/kg	0.026	0.0053	1	05/22/23 08:02	05/23/23 01:50	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0053	0.0016	1	05/22/23 08:02	05/23/23 01:50	1634-04-4	
Styrene	<b>0.0026</b> U	mg/kg	0.0053	0.0026	1	05/22/23 08:02	05/23/23 01:50	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00064</b> U	mg/kg	0.0053	0.00064	1	05/22/23 08:02	05/23/23 01:50	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/22/23 08:02	05/23/23 01:50	127-18-4	
Toluene	<b>0.00085</b> U	mg/kg	0.0053	0.00085	1	05/22/23 08:02	05/23/23 01:50	108-88-3	
1,1,1-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0053	0.0014	1	05/22/23 08:02	05/23/23 01:50	71-55-6	
1,1,2-Trichloroethane	<b>0.00062</b> U	mg/kg	0.0053	0.00062	1	05/22/23 08:02	05/23/23 01:50	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0053	0.0013	1	05/22/23 08:02	05/23/23 01:50	79-01-6	
Trichlorofluoromethane	<b>0.0026</b> U	mg/kg	0.0053	0.0026	1	05/22/23 08:02	05/23/23 01:50	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0053	0.0012	1	05/22/23 08:02	05/23/23 01:50	95-63-6	
Vinyl chloride	<b>0.00098</b> U	mg/kg	0.0053	0.00098	1	05/22/23 08:02	05/23/23 01:50	75-01-4	
Xylene (Total)	<b>0.0054</b> U	mg/kg	0.016	0.0054	1	05/22/23 08:02	05/23/23 01:50	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	68-125		1	05/22/23 08:02	05/23/23 01:50	460-00-4	
Toluene-d8 (S)	99	%	70-130		1	05/22/23 08:02	05/23/23 01:50	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1	05/22/23 08:02	05/23/23 01:50	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>14.0</b>	%	0.10	0.10	1			05/22/23 07:53	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-13 (2-2.5) Lab ID: 35800552033 Collected: 05/17/23 15:57 Received: 05/18/23 11:27 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0012 U</b>	mg/kg	0.012	0.0012	1	05/20/23 01:57	05/28/23 16:15	309-00-2	P1
alpha-BHC	<b>0.00065 U</b>	mg/kg	0.012	0.00065	1	05/20/23 01:57	05/28/23 16:15	319-84-6	P1
beta-BHC	<b>0.0014 U</b>	mg/kg	0.012	0.0014	1	05/20/23 01:57	05/28/23 16:15	319-85-7	P1
delta-BHC	<b>0.00061 U</b>	mg/kg	0.012	0.00061	1	05/20/23 01:57	05/28/23 16:15	319-86-8	P1
gamma-BHC (Lindane)	<b>0.00034 U</b>	mg/kg	0.012	0.00034	1	05/20/23 01:57	05/28/23 16:15	58-89-9	P1
Chlordane (Technical)	<b>0.036 U</b>	mg/kg	0.12	0.036	1	05/20/23 01:57	05/28/23 16:15	57-74-9	P1
4,4'-DDD	<b>0.00053 U</b>	mg/kg	0.012	0.00053	1	05/20/23 01:57	05/28/23 16:15	72-54-8	P1
4,4'-DDE	<b>0.00047 U</b>	mg/kg	0.012	0.00047	1	05/20/23 01:57	05/28/23 16:15	72-55-9	P1
4,4'-DDT	<b>0.00071 U</b>	mg/kg	0.012	0.00071	1	05/20/23 01:57	05/28/23 16:15	50-29-3	P1
Dieldrin	<b>0.00045 U</b>	mg/kg	0.012	0.00045	1	05/20/23 01:57	05/28/23 16:15	60-57-1	P1
Endosulfan I	<b>0.0013 U</b>	mg/kg	0.012	0.0013	1	05/20/23 01:57	05/28/23 16:15	959-98-8	P1
Endosulfan II	<b>0.00053 U</b>	mg/kg	0.012	0.00053	1	05/20/23 01:57	05/28/23 16:15	33213-65-9	P1
Endosulfan sulfate	<b>0.00047 U</b>	mg/kg	0.012	0.00047	1	05/20/23 01:57	05/28/23 16:15	1031-07-8	P1
Endrin	<b>0.00075 U</b>	mg/kg	0.012	0.00075	1	05/20/23 01:57	05/28/23 16:15	72-20-8	P1
Endrin aldehyde	<b>0.00077 U</b>	mg/kg	0.024	0.00077	1	05/20/23 01:57	05/28/23 16:15	7421-93-4	P1
Endrin ketone	<b>0.00055 U</b>	mg/kg	0.012	0.00055	1	05/20/23 01:57	05/28/23 16:15	53494-70-5	P1
Heptachlor	<b>0.0013 U</b>	mg/kg	0.012	0.0013	1	05/20/23 01:57	05/28/23 16:15	76-44-8	P1
Heptachlor epoxide	<b>0.00051 U</b>	mg/kg	0.012	0.00051	1	05/20/23 01:57	05/28/23 16:15	1024-57-3	P1
Methoxychlor	<b>0.0017 U</b>	mg/kg	0.012	0.0017	1	05/20/23 01:57	05/28/23 16:15	72-43-5	P1
Toxaphene	<b>0.051 U</b>	mg/kg	0.12	0.051	1	05/20/23 01:57	05/28/23 16:15	8001-35-2	P1
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	98	%	53-140		1	05/20/23 01:57	05/28/23 16:15	877-09-8	
Decachlorobiphenyl (S)	92	%	43-157		1	05/20/23 01:57	05/28/23 16:15	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>9.8 U</b>	mg/kg	11.4	9.8	1	05/22/23 07:14	05/24/23 15:39		P1
<b>Surrogates</b>									
o-Terphenyl (S)	100	%	66-136		1	05/22/23 07:14	05/24/23 15:39	84-15-1	
N-Pentatriacontane (S)	91	%	42-159		1	05/22/23 07:14	05/24/23 15:39	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>0.69 I</b>	mg/kg	1.0	0.52	1	05/20/23 09:47	05/22/23 11:29	7440-36-0	
Arsenic	<b>2.2</b>	mg/kg	0.69	0.35	1	05/20/23 09:47	05/22/23 11:29	7440-38-2	
Beryllium	<b>0.079</b>	mg/kg	0.069	0.012	1	05/20/23 09:47	05/22/23 11:29	7440-41-7	
Cadmium	<b>0.069 U</b>	mg/kg	0.14	0.069	2	05/20/23 09:47	05/23/23 04:17	7440-43-9	D3
Chromium	<b>8.7</b>	mg/kg	0.35	0.17	1	05/20/23 09:47	05/22/23 11:29	7440-47-3	
Copper	<b>0.17 U</b>	mg/kg	0.35	0.17	1	05/20/23 09:47	05/22/23 11:29	7440-50-8	
Lead	<b>1.3</b>	mg/kg	0.69	0.35	1	05/20/23 09:47	05/22/23 11:29	7439-92-1	
Nickel	<b>1.0</b>	mg/kg	0.35	0.17	1	05/20/23 09:47	05/22/23 11:29	7440-02-0	
Selenium	<b>0.76 I</b>	mg/kg	1.0	0.52	1	05/20/23 09:47	05/22/23 11:29	7782-49-2	
Silver	<b>0.076 U</b>	mg/kg	0.35	0.076	1	05/20/23 09:47	05/22/23 11:29	7440-22-4	
Thallium	<b>0.46 U</b>	mg/kg	1.0	0.46	1	05/20/23 09:47	05/22/23 11:29	7440-28-0	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Sample: SB-13 (2-2.5) Lab ID: 35800552033 Collected: 05/17/23 15:57 Received: 05/18/23 11:27 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								
Zinc	<b>2.5</b> U	mg/kg	6.9	2.5	1	05/20/23 09:47	05/22/23 11:29	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.010</b>	mg/kg	0.0091	0.0046	1	05/22/23 12:46	05/25/23 09:49	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.10</b> U	mg/kg	0.23	0.10	1	05/22/23 09:57	05/23/23 20:37	83-32-9	P1
Acenaphthylene	<b>0.034</b> U	mg/kg	0.22	0.034	1	05/22/23 09:57	05/23/23 20:37	208-96-8	P1
Anthracene	<b>0.030</b> U	mg/kg	0.23	0.030	1	05/22/23 09:57	05/23/23 20:37	120-12-7	P1
Benzo(a)anthracene	<b>0.029</b> U	mg/kg	0.22	0.029	1	05/22/23 09:57	05/23/23 20:37	56-55-3	P1
Benzo(a)pyrene	<b>0.054</b> U	mg/kg	0.22	0.054	1	05/22/23 09:57	05/23/23 20:37	50-32-8	P1
Benzo(b)fluoranthene	<b>0.058</b> U	mg/kg	0.22	0.058	1	05/22/23 09:57	05/23/23 20:37	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.055</b> U	mg/kg	0.22	0.055	1	05/22/23 09:57	05/23/23 20:37	191-24-2	P1
Benzo(k)fluoranthene	<b>0.058</b> U	mg/kg	0.22	0.058	1	05/22/23 09:57	05/23/23 20:37	207-08-9	P1
Chrysene	<b>0.029</b> U	mg/kg	0.22	0.029	1	05/22/23 09:57	05/23/23 20:37	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.051</b> U	mg/kg	0.22	0.051	1	05/22/23 09:57	05/23/23 20:37	53-70-3	P1
Fluoranthene	<b>0.071</b> U	mg/kg	0.22	0.071	1	05/22/23 09:57	05/23/23 20:37	206-44-0	P1
Fluorene	<b>0.078</b> U	mg/kg	0.24	0.078	1	05/22/23 09:57	05/23/23 20:37	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.050</b> U	mg/kg	0.22	0.050	1	05/22/23 09:57	05/23/23 20:37	193-39-5	P1
1-Methylnaphthalene	<b>0.036</b> U	mg/kg	0.26	0.036	1	05/22/23 09:57	05/23/23 20:37	90-12-0	P1
2-Methylnaphthalene	<b>0.034</b> U	mg/kg	0.25	0.034	1	05/22/23 09:57	05/23/23 20:37	91-57-6	P1
Naphthalene	<b>0.078</b> U	mg/kg	0.23	0.078	1	05/22/23 09:57	05/23/23 20:37	91-20-3	P1
Phenanthrene	<b>0.031</b> U	mg/kg	0.22	0.031	1	05/22/23 09:57	05/23/23 20:37	85-01-8	P1
Pyrene	<b>0.029</b> U	mg/kg	0.22	0.029	1	05/22/23 09:57	05/23/23 20:37	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	60	%	24-98		1	05/22/23 09:57	05/23/23 20:37	4165-60-0	
2-Fluorobiphenyl (S)	70	%	29-101		1	05/22/23 09:57	05/23/23 20:37	321-60-8	
p-Terphenyl-d14 (S)	84	%	29-112		1	05/22/23 09:57	05/23/23 20:37	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.014</b> U	mg/kg	0.077	0.014	1	05/22/23 08:02	05/23/23 02:12	67-64-1	
Benzene	<b>0.0015</b> U	mg/kg	0.0077	0.0015	1	05/22/23 08:02	05/23/23 02:12	71-43-2	
Bromochloromethane	<b>0.0011</b> U	mg/kg	0.0077	0.0011	1	05/22/23 08:02	05/23/23 02:12	74-97-5	
Bromodichloromethane	<b>0.0017</b> U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/23/23 02:12	75-27-4	
Bromoform	<b>0.0017</b> U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/23/23 02:12	75-25-2	
Bromomethane	<b>0.0028</b> U	mg/kg	0.0077	0.0028	1	05/22/23 08:02	05/23/23 02:12	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0077</b> U	mg/kg	0.077	0.0077	1	05/22/23 08:02	05/23/23 02:12	78-93-3	J(v2)
Carbon disulfide	<b>0.0038</b> U	mg/kg	0.0077	0.0038	1	05/22/23 08:02	05/23/23 02:12	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/23/23 02:12	56-23-5	
Chlorobenzene	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/23/23 02:12	108-90-7	
Chloroethane	<b>0.0032</b> U	mg/kg	0.0077	0.0032	1	05/22/23 08:02	05/23/23 02:12	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800552

Sample: SB-13 (2-2.5) Lab ID: 35800552033 Collected: 05/17/23 15:57 Received: 05/18/23 11:27 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								
Chloroform	<b>0.0013</b> U	mg/kg	0.0077	0.0013	1	05/22/23 08:02	05/23/23 02:12	67-66-3	
Chloromethane	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/23/23 02:12	74-87-3	
Dibromochloromethane	<b>0.0013</b> U	mg/kg	0.0077	0.0013	1	05/22/23 08:02	05/23/23 02:12	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0077	0.0011	1	05/22/23 08:02	05/23/23 02:12	74-95-3	
1,2-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0077	0.0012	1	05/22/23 08:02	05/23/23 02:12	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/23/23 02:12	541-73-1	
1,4-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0077	0.0010	1	05/22/23 08:02	05/23/23 02:12	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/23/23 02:12	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0077	0.0015	1	05/22/23 08:02	05/23/23 02:12	75-34-3	
1,2-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0077	0.0012	1	05/22/23 08:02	05/23/23 02:12	107-06-2	
1,1-Dichloroethene	<b>0.0038</b> U	mg/kg	0.0077	0.0038	1	05/22/23 08:02	05/23/23 02:12	75-35-4	
cis-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/23/23 02:12	156-59-2	
trans-1,2-Dichloroethene	<b>0.0020</b> U	mg/kg	0.0077	0.0020	1	05/22/23 08:02	05/23/23 02:12	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/23/23 02:12	78-87-5	
1,3-Dichloropropene	<b>0.0038</b> U	mg/kg	0.0077	0.0038	1	05/22/23 08:02	05/23/23 02:12	542-75-6	
Ethylbenzene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/23/23 02:12	100-41-4	
2-Hexanone	<b>0.0077</b> U	mg/kg	0.038	0.0077	1	05/22/23 08:02	05/23/23 02:12	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0020</b> U	mg/kg	0.0077	0.0020	1	05/22/23 08:02	05/23/23 02:12	98-82-8	
Methylene Chloride	<b>0.0068</b> U	mg/kg	0.0077	0.0068	1	05/22/23 08:02	05/23/23 02:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0077</b> U	mg/kg	0.038	0.0077	1	05/22/23 08:02	05/23/23 02:12	108-10-1	
Methyl-tert-butyl ether	<b>0.0023</b> U	mg/kg	0.0077	0.0023	1	05/22/23 08:02	05/23/23 02:12	1634-04-4	
Styrene	<b>0.0038</b> U	mg/kg	0.0077	0.0038	1	05/22/23 08:02	05/23/23 02:12	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00094</b> U	mg/kg	0.0077	0.00094	1	05/22/23 08:02	05/23/23 02:12	79-34-5	
Tetrachloroethene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/23/23 02:12	127-18-4	
Toluene	<b>0.0012</b> U	mg/kg	0.0077	0.0012	1	05/22/23 08:02	05/23/23 02:12	108-88-3	
1,1,1-Trichloroethane	<b>0.0020</b> U	mg/kg	0.0077	0.0020	1	05/22/23 08:02	05/23/23 02:12	71-55-6	
1,1,2-Trichloroethane	<b>0.00091</b> U	mg/kg	0.0077	0.00091	1	05/22/23 08:02	05/23/23 02:12	79-00-5	
Trichloroethene	<b>0.0018</b> U	mg/kg	0.0077	0.0018	1	05/22/23 08:02	05/23/23 02:12	79-01-6	
Trichlorofluoromethane	<b>0.0038</b> U	mg/kg	0.0077	0.0038	1	05/22/23 08:02	05/23/23 02:12	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0017</b> U	mg/kg	0.0077	0.0017	1	05/22/23 08:02	05/23/23 02:12	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0077	0.0014	1	05/22/23 08:02	05/23/23 02:12	75-01-4	
Xylene (Total)	<b>0.0079</b> U	mg/kg	0.023	0.0079	1	05/22/23 08:02	05/23/23 02:12	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	68-125		1	05/22/23 08:02	05/23/23 02:12	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	05/22/23 08:02	05/23/23 02:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1	05/22/23 08:02	05/23/23 02:12	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>16.2</b>	%	0.10	0.10	1			05/22/23 07:53	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919061 Analysis Method: EPA 7471

QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012

METHOD BLANK: 5055142 Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
Mercury	mg/kg	0.0049 U	0.0098	0.0049	05/22/23 14:16	

LABORATORY CONTROL SAMPLE: 5055143

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
Mercury	mg/kg	0.092	0.096	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5055144 5055145

Parameter	Units	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	RPD	Max	
		Result	Spike	Conc.	Result	Result	Result	% Rec	% Rec	RPD	RPD	Qual
Mercury	mg/kg	35799325004	0.095	0.099	0.11	0.11	0.11	99	97	80-120	1	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919130 Analysis Method: EPA 7471

QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019,  
35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025, 35800552026,  
35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032

METHOD BLANK: 5055288 Matrix: Solid

Associated Lab Samples: 35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019,  
35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025, 35800552026,  
35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
Mercury	mg/kg	0.0047	U	0.0094	0.0047	05/23/23 12:25

LABORATORY CONTROL SAMPLE: 5055289

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
Mercury	mg/kg	0.094	0.091	98	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5055290 5055291

Parameter	Units	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	Max	
		35800552013	Spike								Qual
Mercury	mg/kg	0.013	0.11	0.11	0.11	0.11	0.11	89	88	80-120	1 20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919739

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552033

METHOD BLANK: 5057958

Matrix: Solid

Associated Lab Samples: 35800552033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.0048 U	0.0096	0.0048	05/25/23 07:51	

LABORATORY CONTROL SAMPLE: 5057959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.091	0.087	95	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057960                    5057961

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.044	0.14	0.14	0.19	0.15	110	79	80-120	24	20 J(M1), J(R1)

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919406

Analysis Method: EPA 6010

QC Batch Method: EPA 3050

Analysis Description: 6010 MET Solid

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552033

METHOD BLANK: 5057056

Matrix: Solid

Associated Lab Samples: 35800552033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/kg	0.46 U	0.92	0.46	05/22/23 09:47	
Arsenic	mg/kg	0.31 U	0.61	0.31	05/22/23 09:47	
Beryllium	mg/kg	0.011 U	0.061	0.011	05/22/23 09:47	
Cadmium	mg/kg	0.031 U	0.061	0.031	05/22/23 09:47	
Chromium	mg/kg	0.15 U	0.31	0.15	05/22/23 09:47	
Copper	mg/kg	0.15 U	0.31	0.15	05/22/23 09:47	
Lead	mg/kg	0.31 U	0.61	0.31	05/22/23 09:47	
Nickel	mg/kg	0.15 U	0.31	0.15	05/22/23 09:47	
Selenium	mg/kg	0.46 U	0.92	0.46	05/22/23 09:47	
Silver	mg/kg	0.067 U	0.31	0.067	05/22/23 09:47	
Thallium	mg/kg	0.41 U	0.92	0.41	05/22/23 09:47	
Zinc	mg/kg	2.2 U	6.1	2.2	05/22/23 09:47	

LABORATORY CONTROL SAMPLE: 5057057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	14.6	14.0	96	80-120	
Arsenic	mg/kg	14.6	13.4	92	80-120	
Beryllium	mg/kg	1.5	1.4	93	80-120	
Cadmium	mg/kg	1.5	1.5	100	80-120	
Chromium	mg/kg	14.6	14.6	101	80-120	
Copper	mg/kg	14.6	14.2	98	80-120	
Lead	mg/kg	14.6	14.8	102	80-120	
Nickel	mg/kg	14.6	15.0	103	80-120	
Selenium	mg/kg	14.6	12.9	89	80-120	
Silver	mg/kg	1.5	1.4	95	80-120	
Thallium	mg/kg	14.6	14.8	102	80-120	
Zinc	mg/kg	72.8	72.8	100	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057058                    5057059

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		35800542001	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec				
Antimony	mg/kg	0.39	U	15.1	13.9	11.6	10.1	77	72	75-125	13	20	J(M1)
Arsenic	mg/kg	1.4		15.1	13.9	15.0	14.1	90	91	75-125	6	20	
Beryllium	mg/kg	0.054		1.5	1.4	1.3	1.2	83	85	75-125	5	20	
Cadmium	mg/kg	0.076		1.5	1.4	1.3	1.2	82	82	75-125	7	20	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057058      5057059

Parameter	Units	MS		MSD		MS Result	% Rec	MSD % Rec	% Rec	Max	
		35800542001	Spike Conc.	Spike Conc.	MS Result					RPD	RPD
Chromium	mg/kg	10.9	15.1	13.9	25.0	24.5	93	97	75-125	2	20
Copper	mg/kg	13.8	15.1	13.9	31.0	26.8	114	93	75-125	15	20
Lead	mg/kg	30.9	15.1	13.9	38.7	41.8	52	78	75-125	8	20 J(M1)
Nickel	mg/kg	3.0	15.1	13.9	48.9	15.4	304	89	75-125	104	20 J(M1), J(R1)
Selenium	mg/kg	0.42 I	15.1	13.9	12.9	12.0	83	83	75-125	7	20
Silver	mg/kg	0.22 I	1.5	1.4	1.7	1.6	99	97	75-125	8	20
Thallium	mg/kg	0.34 U	15.1	13.9	12.5	11.7	82	83	75-125	7	20
Zinc	mg/kg	62.6	75.5	69.9	122	116	79	76	75-125	5	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919424	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET Solid
Laboratory:			Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007, 35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014, 35800552015, 35800552016, 35800552017		

METHOD BLANK: 5057116

Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014,  
35800552015, 35800552016, 35800552017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/kg	0.45 U	0.90	0.45	05/22/23 13:13	
Arsenic	mg/kg	0.30 U	0.60	0.30	05/22/23 13:13	
Beryllium	mg/kg	0.011 U	0.060	0.011	05/22/23 13:13	
Cadmium	mg/kg	0.030 U	0.060	0.030	05/22/23 13:13	
Chromium	mg/kg	0.15 U	0.30	0.15	05/22/23 13:13	
Copper	mg/kg	0.15 U	0.30	0.15	05/22/23 13:13	
Lead	mg/kg	0.30 U	0.60	0.30	05/22/23 13:13	
Nickel	mg/kg	0.15 U	0.30	0.15	05/22/23 13:13	
Selenium	mg/kg	0.45 U	0.90	0.45	05/22/23 13:13	
Silver	mg/kg	0.066 U	0.30	0.066	05/22/23 13:13	
Thallium	mg/kg	0.40 U	0.90	0.40	05/22/23 13:13	
Zinc	mg/kg	2.2 U	6.0	2.2	05/22/23 13:13	

LABORATORY CONTROL SAMPLE: 5057117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	14.3	14.0	98	80-120	
Arsenic	mg/kg	14.3	13.4	93	80-120	
Beryllium	mg/kg	1.4	1.3	93	80-120	
Cadmium	mg/kg	1.4	1.4	100	80-120	
Chromium	mg/kg	14.3	14.5	101	80-120	
Copper	mg/kg	14.3	14.0	97	80-120	
Lead	mg/kg	14.3	14.6	102	80-120	
Nickel	mg/kg	14.3	14.8	103	80-120	
Selenium	mg/kg	14.3	12.8	89	80-120	
Silver	mg/kg	1.4	1.4	96	80-120	
Thallium	mg/kg	14.3	14.5	101	80-120	
Zinc	mg/kg	71.7	72.4	101	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057118      5057119

Parameter	Units	35800542006 Result	MS Spike Conc.	MS Spike Conc.	MS Result	MS Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Max Qual
Antimony	mg/kg	0.42 U	14.3	16.1	11.5	13.3	80	83	75-125	15	20	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057118      5057119

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
		35800542006	Spike Conc.	Spike Conc.	MS Result						RPD	RPD
Arsenic	mg/kg	4.8	14.3	16.1	17.4	19.2	89	89	75-125	10	20	
Beryllium	mg/kg	0.026 I	1.4	1.6	1.3	1.5	90	90	75-125	13	20	
Cadmium	mg/kg	0.066	1.4	1.6	1.2	1.4	80	85	75-125	17	20	
Chromium	mg/kg	6.3	14.3	16.1	19.6	22.9	93	103	75-125	15	20	
Copper	mg/kg	6.7	14.3	16.1	18.6	21.4	83	92	75-125	14	20	
Lead	mg/kg	18.6	14.3	16.1	26.1	31.6	52	80	75-125	19	20	J(M1)
Nickel	mg/kg	1.8	14.3	16.1	15.3	17.5	95	98	75-125	13	20	
Selenium	mg/kg	0.42 U	14.3	16.1	12.2	14.0	85	87	75-125	14	20	
Silver	mg/kg	0.13 I	1.4	1.6	1.6	1.7	102	100	75-125	9	20	
Thallium	mg/kg	0.37 U	14.3	16.1	12.4	14.2	87	88	75-125	13	20	
Zinc	mg/kg	184	71.5	80.5	113	153	-100	-39	75-125	31	20	J(M1), J(R1)

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919439	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET Solid
Laboratory:	Pace Analytical Services - Ormond Beach		
Associated Lab Samples:	35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032		

METHOD BLANK: 5057162

Matrix: Solid

Associated Lab Samples: 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/kg	0.44 U	0.89	0.44	05/23/23 04:16	
Arsenic	mg/kg	0.30 U	0.59	0.30	05/23/23 04:16	
Beryllium	mg/kg	0.010 U	0.059	0.010	05/23/23 04:16	
Cadmium	mg/kg	0.030 U	0.059	0.030	05/23/23 04:16	
Chromium	mg/kg	0.15 U	0.30	0.15	05/23/23 04:16	
Copper	mg/kg	0.15 U	0.30	0.15	05/23/23 04:16	
Lead	mg/kg	0.30 U	0.59	0.30	05/23/23 04:16	
Nickel	mg/kg	0.15 U	0.30	0.15	05/23/23 04:16	
Selenium	mg/kg	0.44 U	0.89	0.44	05/23/23 04:16	
Silver	mg/kg	0.065 U	0.30	0.065	05/23/23 04:16	
Thallium	mg/kg	0.39 U	0.89	0.39	05/23/23 04:16	
Zinc	mg/kg	2.1 U	5.9	2.1	05/23/23 04:16	

LABORATORY CONTROL SAMPLE: 5057163

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/kg	13.8	14.2	103	80-120	
Arsenic	mg/kg	13.8	13.1	95	80-120	
Beryllium	mg/kg	1.4	1.3	98	80-120	
Cadmium	mg/kg	1.4	1.4	101	80-120	
Chromium	mg/kg	13.8	14.5	105	80-120	
Copper	mg/kg	13.8	14.6	106	80-120	
Lead	mg/kg	13.8	14.2	104	80-120	
Nickel	mg/kg	13.8	14.6	106	80-120	
Selenium	mg/kg	13.8	12.5	91	80-120	
Silver	mg/kg	1.4	1.4	102	80-120	
Thallium	mg/kg	13.8	14.2	103	80-120	
Zinc	mg/kg	68.8	69.1	100	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057164      5057165

Parameter	Units	35800552018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Max Qual
Antimony	mg/kg	0.48 U	17.4	16.8	11.8	11.6	67	68	75-125	1	20	J(M1)

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## REPORT OF LABORATORY ANALYSIS

## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		5057164		5057165									
Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	Max		
		35800552018	Spike Conc.	Spike Conc.	MSD						RPD	RPD	Qual
Arsenic	mg/kg	1.1	17.4	16.8	14.0	14.9	75	82	75-125	6	20		
Beryllium	mg/kg	0.099	1.8	1.6	1.5	1.4	80	79	75-125	4	20		
Cadmium	mg/kg	0.044 I	1.8	1.6	1.5	1.4	85	81	75-125	8	20		
Chromium	mg/kg	7.4	17.4	16.8	27.4	25.4	115	107	75-125	7	20		
Copper	mg/kg	1.2	17.4	16.8	15.5	16.0	83	88	75-125	3	20		
Lead	mg/kg	1.2	17.4	16.8	16.7	15.1	89	83	75-125	10	20		
Nickel	mg/kg	2.4	17.4	16.8	18.3	16.8	91	85	75-125	8	20		
Selenium	mg/kg	0.51 I	17.4	16.8	13.9	13.2	77	75	75-125	6	20		
Silver	mg/kg	0.071 U	1.8	1.6	1.3	1.4	73	84	75-125	11	20 J(M1)		
Thallium	mg/kg	0.42 U	17.4	16.8	14.6	13.9	85	82	75-125	5	20		
Zinc	mg/kg	2.3 U	86.6	84.2	75.0	68.0	85	79	75-125	10	20		

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919615	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007, 35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014		

METHOD BLANK: 5057576

Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/21/23 20:02	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/21/23 20:02	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/21/23 20:02	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/21/23 20:02	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/21/23 20:02	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/21/23 20:02	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/21/23 20:02	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/21/23 20:02	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/21/23 20:02	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/21/23 20:02	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/21/23 20:02	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/21/23 20:02	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/21/23 20:02	J(v2)
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/21/23 20:02	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/21/23 20:02	
Acetone	mg/kg	0.0089 U	0.050	0.0089	05/21/23 20:02	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/21/23 20:02	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/21/23 20:02	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/21/23 20:02	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/21/23 20:02	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/21/23 20:02	J(v2)
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/21/23 20:02	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/21/23 20:02	
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/21/23 20:02	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/21/23 20:02	J(v2)
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/21/23 20:02	J(v2)
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/21/23 20:02	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/21/23 20:02	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/21/23 20:02	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/21/23 20:02	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/21/23 20:02	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/21/23 20:02	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/21/23 20:02	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/21/23 20:02	J(v2)
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/21/23 20:02	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/21/23 20:02	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/21/23 20:02	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/21/23 20:02	J(v2)
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/21/23 20:02	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

METHOD BLANK: 5057576

Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/21/23 20:02	
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/21/23 20:02	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/21/23 20:02	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/21/23 20:02	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		05/21/23 20:02	
4-Bromofluorobenzene (S)	%	96	68-125		05/21/23 20:02	
Toluene-d8 (S)	%	98	70-130		05/21/23 20:02	

LABORATORY CONTROL SAMPLE: 5057577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.017	84	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	96	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.019	95	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.016	80	70-130 J(v3)	
1,1-Dichloroethene	mg/kg	0.02	0.017	87	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.018	89	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.018	92	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.017	83	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.018	88	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.018	92	70-130	
1,3-Dichloropropene	mg/kg		0.036			
1,4-Dichlorobenzene	mg/kg	0.02	0.018	92	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.079	79	64-121 J(v3)	
2-Hexanone	mg/kg	0.1	0.085	85	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.086	86	70-130	
Acetone	mg/kg	0.1	0.093	93	68-146	
Benzene	mg/kg	0.02	0.016	82	70-130	
Bromochloromethane	mg/kg	0.02	0.016	82	70-130	
Bromodichloromethane	mg/kg	0.02	0.018	89	70-130	
Bromoform	mg/kg	0.02	0.018	88	54-129	
Bromomethane	mg/kg	0.02	0.015	76	58-144 J(v3)	
Carbon disulfide	mg/kg	0.02	0.016	81	57-133	
Carbon tetrachloride	mg/kg	0.02	0.017	85	63-137	
Chlorobenzene	mg/kg	0.02	0.017	84	70-130	
Chloroethane	mg/kg	0.02	0.015	75	40-165 J(v3)	
Chloroform	mg/kg	0.02	0.015	75	70-130 J(v3)	
Chloromethane	mg/kg	0.02	0.018	91	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.016	82	70-130	
Dibromochloromethane	mg/kg	0.02	0.018	92	70-130	
Dibromomethane	mg/kg	0.02	0.018	89	70-130	
Ethylbenzene	mg/kg	0.02	0.017	85	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.016	82	70-130	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

**LABORATORY CONTROL SAMPLE:** 5057577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	mg/kg	0.02	0.016	81	65-124	
Methylene Chloride	mg/kg	0.02	0.015	76	51-142 J(v3)	
Styrene	mg/kg	0.02	0.021	103	70-130	
Tetrachloroethene	mg/kg	0.02	0.017	85	70-130	
Toluene	mg/kg	0.02	0.017	85	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.016	79	70-130 J(v3)	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.019	96	65-142	
Trichloroethene	mg/kg	0.02	0.018	88	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.018	88	60-148	
Vinyl chloride	mg/kg	0.02	0.017	86	69-124	
Xylene (Total)	mg/kg	0.06	0.050	83	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			96	68-125	
Toluene-d8 (S)	%			100	70-130	

**MATRIX SPIKE SAMPLE:** 5057579

Parameter	Units	35800552005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0016 U	0.023	0.026	111	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00074 U	0.023	0.028	119	70-130	
1,1,2-Trichloroethane	mg/kg	0.00072 U	0.023	0.025	106	70-130	
1,1-Dichloroethane	mg/kg	0.0012 U	0.023	0.025	105	70-130 J(v3)	
1,1-Dichloroethene	mg/kg	0.0030 U	0.023	0.028	118	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.023	0.016	67	70-130 J(M1)	
1,2-Dichlorobenzene	mg/kg	0.00092 U	0.023	0.016	69	70-130 J(M1)	
1,2-Dichloroethane	mg/kg	0.00093 U	0.023	0.023	99	70-130	
1,2-Dichloropropane	mg/kg	0.0011 U	0.023	0.024	101	70-130	
1,3-Dichlorobenzene	mg/kg	0.0011 U	0.023	0.016	68	70-130 J(M1)	
1,3-Dichloropropene	mg/kg	0.0030 U		0.046			
1,4-Dichlorobenzene	mg/kg	0.00081 U	0.023	0.016	67	70-130 J(M1)	
2-Butanone (MEK)	mg/kg	0.0061 U	0.12	0.11	94	64-121 J(v3)	
2-Hexanone	mg/kg	0.0061 U	0.12	0.12	106	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0061 U	0.12	0.13	110	70-130	
Acetone	mg/kg	0.016 I	0.12	0.15	113	68-146	
Benzene	mg/kg	0.0012 U	0.023	0.023	98	70-130	
Bromochloromethane	mg/kg	0.00090 U	0.023	0.024	101	70-130	
Bromodichloromethane	mg/kg	0.0013 U	0.023	0.024	103	70-130	
Bromoform	mg/kg	0.0013 U	0.023	0.022	94	54-129	
Bromomethane	mg/kg	0.0022 U	0.023	0.027	115	58-144 J(v3)	
Carbon disulfide	mg/kg	0.0030 U	0.023	0.025	109	57-133	
Carbon tetrachloride	mg/kg	0.0015 U	0.023	0.026	109	63-137	
Chlorobenzene	mg/kg	0.0011 U	0.023	0.020	86	70-130	
Chloroethane	mg/kg	0.0025 U	0.023	0.028	119	40-165 J(v3)	
Chloroform	mg/kg	0.0010 U	0.023	0.022	95	70-130 J(v3)	
Chloromethane	mg/kg	0.0011 U	0.023	0.036	153	64-127 J(M1)	

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## REPORT OF LABORATORY ANALYSIS

## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

MATRIX SPIKE SAMPLE:	5057579						
Parameter	Units	35800552005	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.023	0.024	101	70-130	
Dibromochloromethane	mg/kg	0.0011 U	0.023	0.024	103	70-130	
Dibromomethane	mg/kg	0.00086 U	0.023	0.024	101	70-130	
Ethylbenzene	mg/kg	0.0015 U	0.023	0.019	81	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.0016 U	0.023	0.017	73	70-130	
Methyl-tert-butyl ether	mg/kg	0.0018 U	0.023	0.022	95	65-124	
Methylene Chloride	mg/kg	0.0053 U	0.023	0.020	87	51-142 J(v3)	
Styrene	mg/kg	0.0030 U	0.023	0.019	83	70-130	
Tetrachloroethene	mg/kg	0.0015 U	0.023	0.026	109	70-130	
Toluene	mg/kg	0.00098 U	0.023	0.022	96	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0016 U	0.023	0.023	100	70-130 J(v3)	
trans-1,4-Dichloro-2-butene	mg/kg	0.0015 U	0.023	0.023	97	65-142	
Trichloroethene	mg/kg	0.0015 U	0.023	0.023	99	70-130	
Trichlorofluoromethane	mg/kg	0.0030 U	0.023	0.039	165	60-148 J(M1)	
Vinyl chloride	mg/kg	0.0011 U	0.023	0.034	146	69-124 J(M1)	
Xylene (Total)	mg/kg	0.0062 U	0.07	0.052	74	70-130	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				93	68-125	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 5057578

Parameter	Units	35800552004	Dup Result	Max RPD	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.0015 U	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00071 U	0.00069 U	40	
1,1,2-Trichloroethane	mg/kg	0.00069 U	0.00067 U	40	
1,1-Dichloroethane	mg/kg	0.0011 U	0.0011 U	40 J(v2)	
1,1-Dichloroethene	mg/kg	0.0029 U	0.0028 U	40	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.0012 U	40	
1,2-Dichlorobenzene	mg/kg	0.00089 U	0.00086 U	40	
1,2-Dichloroethane	mg/kg	0.00090 U	0.00087 U	40	
1,2-Dichloropropane	mg/kg	0.0011 U	0.0010 U	40	
1,3-Dichlorobenzene	mg/kg	0.0011 U	0.0010 U	40	
1,3-Dichloropropene	mg/kg	0.0029 U	0.0028 U	40	
1,4-Dichlorobenzene	mg/kg	0.00078 U	0.00076 U	40	
2-Butanone (MEK)	mg/kg	0.0058 U	0.0056 U	40 J(v2)	
2-Hexanone	mg/kg	0.0058 U	0.0056 U	40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0058 U	0.0056 U	40	
Acetone	mg/kg	0.010 U	0.010 U	40	
Benzene	mg/kg	0.0012 U	0.0011 U	40	
Bromochloromethane	mg/kg	0.00086 U	0.00083 U	40	
Bromodichloromethane	mg/kg	0.0013 U	0.0012 U	40	
Bromoform	mg/kg	0.0013 U	0.0012 U	40	
Bromomethane	mg/kg	0.0021 U	0.0020 U	40 J(v2)	
Carbon disulfide	mg/kg	0.0029 U	0.0028 U	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

SAMPLE DUPLICATE: 5057578

Parameter	Units	35800552004 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon tetrachloride	mg/kg	0.0014 U	0.0014 U		40	
Chlorobenzene	mg/kg	0.0011 U	0.0010 U		40	
Chloroethane	mg/kg	0.0024 U	0.0024 U		40 J(v2)	
Chloroform	mg/kg	0.00098 U	0.00095 U		40 J(v2)	
Chloromethane	mg/kg	0.0010 U	0.0010 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.0012 U		40	
Dibromochloromethane	mg/kg	0.0010 U	0.00098 U		40	
Dibromomethane	mg/kg	0.00083 U	0.00080 U		40	
Ethylbenzene	mg/kg	0.0014 U	0.0014 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0015 U	0.0015 U		40	
Methyl-tert-butyl ether	mg/kg	0.0017 U	0.0017 U		40	
Methylene Chloride	mg/kg	0.0051 U	0.0050 U		40 J(v2)	
Styrene	mg/kg	0.0029 U	0.0028 U		40	
Tetrachloroethene	mg/kg	0.0014 U	0.0014 U		40	
Toluene	mg/kg	0.00094 U	0.00091 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.0015 U		40 J(v2)	
trans-1,4-Dichloro-2-butene	mg/kg	0.0014 U	0.0014 U		40	
Trichloroethene	mg/kg	0.0014 U	0.0014 U		40	
Trichlorofluoromethane	mg/kg	0.0029 U	0.0028 U		40	
Vinyl chloride	mg/kg	0.0011 U	0.0010 U		40	
Xylene (Total)	mg/kg	0.0060 U	0.0058 U		40	
1,2-Dichlorobenzene-d4 (S)	%	97	98		40	
4-Bromofluorobenzene (S)	%	86	91		40	
Toluene-d8 (S)	%	92	97		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919679	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552022, 35800552023, 35800552024, 35800552025, 35800552026		

METHOD BLANK: 5057729

Matrix: Solid

Associated Lab Samples: 35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552022,  
35800552023, 35800552024, 35800552025, 35800552026

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 09:38	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/22/23 09:38	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/22/23 09:38	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/22/23 09:38	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 09:38	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 09:38	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/22/23 09:38	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/22/23 09:38	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/22/23 09:38	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/22/23 09:38	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 09:38	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/22/23 09:38	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/22/23 09:38	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/22/23 09:38	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/22/23 09:38	
Acetone	mg/kg	0.013 I	0.050	0.0089	05/22/23 09:38	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/22/23 09:38	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/22/23 09:38	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 09:38	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 09:38	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/22/23 09:38	
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 09:38	J(v1)
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 09:38	
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/22/23 09:38	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/22/23 09:38	
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/22/23 09:38	
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/22/23 09:38	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 09:38	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/22/23 09:38	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/22/23 09:38	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 09:38	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 09:38	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/22/23 09:38	J(v2)
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/22/23 09:38	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 09:38	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 09:38	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/22/23 09:38	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 09:38	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 09:38	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

METHOD BLANK: 5057729

Matrix: Solid

Associated Lab Samples: 35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552022,  
35800552023, 35800552024, 35800552025, 35800552026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 09:38	
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 09:38	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/22/23 09:38	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/22/23 09:38	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130		05/22/23 09:38	
4-Bromofluorobenzene (S)	%	97	68-125		05/22/23 09:38	
Toluene-d8 (S)	%	99	70-130		05/22/23 09:38	

LABORATORY CONTROL SAMPLE: 5057730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.017	89	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.018	90	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.021	106	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.017	88	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.023	117	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.019	94	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.021	105	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.018	93	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.018	91	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.021	106	70-130	
1,3-Dichloropropene	mg/kg		0.039			
1,4-Dichlorobenzene	mg/kg	0.02	0.020	104	70-130	
2-Butanone (MEK)	mg/kg	0.098	0.10	103	64-121	
2-Hexanone	mg/kg	0.098	0.10	101	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.098	0.099	101	70-130	
Acetone	mg/kg	0.098	0.097	98	68-146	
Benzene	mg/kg	0.02	0.018	92	70-130	
Bromochloromethane	mg/kg	0.02	0.018	90	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	96	70-130	
Bromoform	mg/kg	0.02	0.019	98	54-129	
Bromomethane	mg/kg	0.02	0.016	82	58-144	
Carbon disulfide	mg/kg	0.02	0.024	123	57-133 J(v1)	
Carbon tetrachloride	mg/kg	0.02	0.019	96	63-137	
Chlorobenzene	mg/kg	0.02	0.020	103	70-130	
Chloroethane	mg/kg	0.02	0.016	83	40-165	
Chloroform	mg/kg	0.02	0.017	89	70-130	
Chloromethane	mg/kg	0.02	0.018	91	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.017	85	70-130	
Dibromochloromethane	mg/kg	0.02	0.021	106	70-130	
Dibromomethane	mg/kg	0.02	0.019	99	70-130	
Ethylbenzene	mg/kg	0.02	0.019	97	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	95	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5057730

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methyl-tert-butyl ether	mg/kg	0.02	0.015	77	65-124	J(v3)
Methylene Chloride	mg/kg	0.02	0.017	87	51-142	
Styrene	mg/kg	0.02	0.022	111	70-130	
Tetrachloroethene	mg/kg	0.02	0.020	102	70-130	
Toluene	mg/kg	0.02	0.019	98	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.017	88	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.018	93	65-142	
Trichloroethene	mg/kg	0.02	0.019	97	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.022	113	60-148	
Vinyl chloride	mg/kg	0.02	0.017	87	69-124	
Xylene (Total)	mg/kg	0.059	0.056	95	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			103	68-125	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057731      5057732

Parameter	Units	35798913012	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits			
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.023	0.024	0.030	0.031	135	128	70-130	1	40	J(M1)
1,1,2,2-Tetrachloroethane	mg/kg	0.00070 U	0.023	0.024	0.028	0.025	125	105	70-130	11	40	
1,1,2-Trichloroethane	mg/kg	0.00068 U	0.023	0.024	0.032	0.031	144	129	70-130	5	40	J(M1)
1,1-Dichloroethane	mg/kg	0.0011 U	0.023	0.024	0.031	0.042	138	177	70-130	31	40	J(M1)
1,1-Dichloroethene	mg/kg	0.0029 U	0.023	0.024	0.037	0.037	166	156	62-131	0	40	J(M1)
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.023	0.024	0.031	0.026	139	109	70-130	18	40	J(M1)
1,2-Dichlorobenzene	mg/kg	0.00087 U	0.023	0.024	0.031	0.028	140	115	70-130	13	40	J(M1)
1,2-Dichloroethane	mg/kg	0.00088 U	0.023	0.024	0.029	0.029	129	120	70-130	1	40	
1,2-Dichloropropane	mg/kg	0.0011 U	0.023	0.024	0.030	0.031	135	128	70-130	1	40	J(M1)
1,3-Dichlorobenzene	mg/kg	0.0010 U	0.023	0.024	0.034	0.029	152	119	70-130	17	40	J(M1)
1,3-Dichloropropene	mg/kg	0.0029 U			0.064	0.059				9	40	
1,4-Dichlorobenzene	mg/kg	0.00077 U	0.023	0.024	0.034	0.028	152	118	70-130	19	40	J(M1)
2-Butanone (MEK)	mg/kg	0.0057 U	0.11	0.12	0.12	0.12	106	97	64-121	2	40	
2-Hexanone	mg/kg	0.0057 U	0.11	0.12	0.14	0.13	125	111	59-137	5	40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0057 U	0.11	0.12	0.15	0.14	130	116	70-130	5	40	
Acetone	mg/kg	0.014 I	0.11	0.12	0.16	0.15	128	115	68-146	4	40	
Benzene	mg/kg	0.0011 U	0.023	0.024	0.031	0.029	139	123	70-130	6	40	J(M1)
Bromochloromethane	mg/kg	0.00085 U	0.023	0.024	0.028	0.025	126	106	70-130	11	40	
Bromodichloromethane	mg/kg	0.0013 U	0.023	0.024	0.033	0.029	146	122	70-130	11	40	J(M1)
Bromoform	mg/kg	0.0013 U	0.023	0.024	0.031	0.029	139	120	54-129	8	40	J(M1)
Bromomethane	mg/kg	0.0021 U	0.023	0.024	0.020	0.024	90	101	58-144	17	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5057731				5057732						
Parameter	Units	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Result	MSD	Result	% Rec					
Carbon disulfide	mg/kg	0.0029 U	0.023	0.024	0.036	0.038	160	157	57-133	4	40	J(M1), J(v1)
Carbon tetrachloride	mg/kg	0.0014 U	0.023	0.024	0.034	0.032	149	135	63-137	3	40	J(M1)
Chlorobenzene	mg/kg	0.0011 U	0.023	0.024	0.035	0.031	157	128	70-130	14	40	J(M1)
Chloroethane	mg/kg	0.0024 U	0.023	0.024	0.021	0.028	92	115	40-165	29	40	
Chloroform	mg/kg	0.00097 U	0.023	0.024	0.029	0.028	130	116	70-130	5	40	
Chloromethane	mg/kg	0.0010 U	0.023	0.024	0.023	0.032	100	132	64-127	34	40	J(M1)
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.023	0.024	0.029	0.027	130	113	70-130	8	40	
Dibromochloromethane	mg/kg	0.0010 U	0.023	0.024	0.034	0.030	153	123	70-130	15	40	J(M1)
Dibromomethane	mg/kg	0.00082 U	0.023	0.024	0.029	0.028	130	116	70-130	5	40	
Ethylbenzene	mg/kg	0.0014 U	0.023	0.024	0.033	0.029	147	120	70-130	14	40	J(M1)
Isopropylbenzene (Cumene)	mg/kg	0.0015 U	0.023	0.024	0.034	0.029	152	120	70-130	17	40	J(M1)
Methyl-tert-butyl ether	mg/kg	0.0017 U	0.023	0.024	0.034	0.041	152	172	65-124	19	40	J(M1), J(v3)
Methylene Chloride	mg/kg	0.0051 U	0.023	0.024	0.038	0.036	159	141	51-142	5	40	J(M1)
Styrene	mg/kg	0.0029 U	0.023	0.024	0.039	0.033	173	137	70-130	17	40	J(M1)
Tetrachloroethene	mg/kg	0.0014 U	0.023	0.024	0.036	0.030	159	125	70-130	17	40	J(M1)
Toluene	mg/kg	0.00093 U	0.023	0.024	0.034	0.033	153	136	70-130	5	40	J(M1)
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.023	0.024	0.039	0.043	174	180	70-130	10	40	J(M1)
trans-1,4-Dichloro-2-butene	mg/kg	0.0014 U	0.023	0.024	0.027	0.026	121	110	65-142	2	40	
Trichloroethene	mg/kg	0.0014 U	0.023	0.024	0.034	0.033	150	139	70-130	1	40	J(M1)
Trichlorofluoromethane	mg/kg	0.0029 U	0.023	0.024	0.025	0.034	112	141	60-148	29	40	
Vinyl chloride	mg/kg	0.0011 U	0.023	0.024	0.024	0.033	108	137	69-124	30	40	J(M1)
Xylene (Total)	mg/kg	0.0059 U	0.068	0.071	0.10	0.084	148	117	70-130	16	40	MS
1,2-Dichlorobenzene-d4 (S)	%						96	97	70-130		40	
4-Bromofluorobenzene (S)	%						105	101	68-125		40	1p
Toluene-d8 (S)	%						100	99	70-130		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919729	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552028, 35800552029, 35800552030, 35800552031, 35800552032, 35800552033

METHOD BLANK: 5057928

Matrix: Solid

Associated Lab Samples: 35800552028, 35800552029, 35800552030, 35800552031, 35800552032, 35800552033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 22:52	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/22/23 22:52	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/22/23 22:52	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/22/23 22:52	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/22/23 22:52	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/22/23 22:52	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/22/23 22:52	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/22/23 22:52	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/22/23 22:52	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/22/23 22:52	J(v2)
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/22/23 22:52	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/22/23 22:52	
Acetone	mg/kg	0.010 I	0.050	0.0089	05/22/23 22:52	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/22/23 22:52	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/22/23 22:52	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/22/23 22:52	J(v2)
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	J(v1)
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/22/23 22:52	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/22/23 22:52	
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/22/23 22:52	
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/22/23 22:52	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/22/23 22:52	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/22/23 22:52	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 22:52	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/22/23 22:52	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/22/23 22:52	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/22/23 22:52	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 22:52	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

METHOD BLANK: 5057928

Matrix: Solid

Associated Lab Samples: 35800552028, 35800552029, 35800552030, 35800552031, 35800552032, 35800552033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/22/23 22:52	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/22/23 22:52	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130		05/22/23 22:52	
4-Bromofluorobenzene (S)	%	105	68-125		05/22/23 22:52	
Toluene-d8 (S)	%	100	70-130		05/22/23 22:52	

LABORATORY CONTROL SAMPLE: 5057929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.018	89	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	97	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.021	104	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.018	89	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.024	119	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.019	94	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.020	103	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.018	93	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.019	97	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.021	104	70-130	
1,3-Dichloropropene	mg/kg		0.040			
1,4-Dichlorobenzene	mg/kg	0.02	0.021	106	70-130	
2-Butanone (MEK)	mg/kg	0.099	0.078	79	64-121 J(v3)	
2-Hexanone	mg/kg	0.099	0.088	89	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.099	0.094	94	70-130	
Acetone	mg/kg	0.099	0.083	83	68-146	
Benzene	mg/kg	0.02	0.018	92	70-130	
Bromochloromethane	mg/kg	0.02	0.017	88	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	97	70-130	
Bromoform	mg/kg	0.02	0.020	101	54-129	
Bromomethane	mg/kg	0.02	0.014	73	58-144 J(v2)	
Carbon disulfide	mg/kg	0.02	0.024	120	57-133 J(v1)	
Carbon tetrachloride	mg/kg	0.02	0.018	93	63-137	
Chlorobenzene	mg/kg	0.02	0.020	103	70-130	
Chloroethane	mg/kg	0.02	0.019	95	40-165	
Chloroform	mg/kg	0.02	0.016	80	70-130	
Chloromethane	mg/kg	0.02	0.017	86	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.017	85	70-130	
Dibromochloromethane	mg/kg	0.02	0.021	105	70-130	
Dibromomethane	mg/kg	0.02	0.020	100	70-130	
Ethylbenzene	mg/kg	0.02	0.019	95	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	94	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	92	65-124	
Methylene Chloride	mg/kg	0.02	0.016	80	51-142	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5057929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	mg/kg	0.02	0.021	107	70-130	
Tetrachloroethene	mg/kg	0.02	0.019	98	70-130	
Toluene	mg/kg	0.02	0.019	97	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.018	89	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.020	103	65-142	
Trichloroethene	mg/kg	0.02	0.019	98	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.024	120	60-148	
Vinyl chloride	mg/kg	0.02	0.017	85	69-124	
Xylene (Total)	mg/kg	0.06	0.055	93	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			104	68-125	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE SAMPLE: 5059588

Parameter	Units	35800552032 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0014 U	0.021	0.023	108	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00064 U	0.021	0.020	91	70-130	
1,1,2-Trichloroethane	mg/kg	0.00062 U	0.021	0.020	94	70-130	
1,1-Dichloroethane	mg/kg	0.0010 U	0.021	0.021	100	70-130	
1,1-Dichloroethene	mg/kg	0.0026 U	0.021	0.023	106	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.0012 U	0.021	0.022	102	70-130	
1,2-Dichlorobenzene	mg/kg	0.00080 U	0.021	0.020	92	70-130	
1,2-Dichloroethane	mg/kg	0.00081 U	0.021	0.020	93	70-130	
1,2-Dichloropropane	mg/kg	0.00097 U	0.021	0.022	102	70-130	
1,3-Dichlorobenzene	mg/kg	0.00096 U	0.021	0.021	96	70-130	
1,3-Dichloropropene	mg/kg	0.0026 U		0.043			
1,4-Dichlorobenzene	mg/kg	0.00071 U	0.021	0.020	93	70-130	
2-Butanone (MEK)	mg/kg	0.0053 U	0.11	0.10	96	64-121 J(v3)	
2-Hexanone	mg/kg	0.0053 U	0.11	0.096	90	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0053 U	0.11	0.098	92	70-130	
Acetone	mg/kg	0.0094 U	0.11	0.12	111	68-146	
Benzene	mg/kg	0.0011 U	0.021	0.022	102	70-130	
Bromochloromethane	mg/kg	0.00078 U	0.021	0.022	101	70-130	
Bromodichloromethane	mg/kg	0.0012 U	0.021	0.020	95	70-130	
Bromoform	mg/kg	0.0012 U	0.021	0.018	86	54-129	
Bromomethane	mg/kg	0.0019 U	0.021	0.022	104	58-144 J(v3)	
Carbon disulfide	mg/kg	0.0026 U	0.021	0.022	102	57-133 J(v1)	
Carbon tetrachloride	mg/kg	0.0013 U	0.021	0.024	113	63-137	
Chlorobenzene	mg/kg	0.00098 U	0.021	0.021	98	70-130	
Chloroethane	mg/kg	0.0022 U	0.021	0.023	105	40-165	
Chloroform	mg/kg	0.00089 U	0.021	0.021	99	70-130	
Chloromethane	mg/kg	0.00094 U	0.021	0.023	108	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0012 U	0.021	0.023	105	70-130	
Dibromochloromethane	mg/kg	0.00092 U	0.021	0.020	95	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

MATRIX SPIKE SAMPLE:	5059588						
Parameter	Units	35800552032	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibromomethane	mg/kg	0.00075 U	0.021	0.020	94	70-130	
Ethylbenzene	mg/kg	0.0013 U	0.021	0.021	98	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.0014 U	0.021	0.022	102	70-130	
Methyl-tert-butyl ether	mg/kg	0.0016 U	0.021	0.020	93	65-124	
Methylene Chloride	mg/kg	0.0046 U	0.021	0.021	96	51-142	
Styrene	mg/kg	0.0026 U	0.021	0.025	114	70-130	
Tetrachloroethene	mg/kg	0.0013 U	0.021	0.027	128	70-130	
Toluene	mg/kg	0.00085 U	0.021	0.022	102	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0014 U	0.021	0.023	107	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.0013 U	0.021	0.019	88	65-142	
Trichloroethene	mg/kg	0.0013 U	0.021	0.023	108	70-130	
Trichlorofluoromethane	mg/kg	0.0026 U	0.021	0.027	125	60-148	
Vinyl chloride	mg/kg	0.00098 U	0.021	0.025	116	69-124	
Xylene (Total)	mg/kg	0.0054 U	0.064	0.064	99	70-130	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				99	68-125	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 5059587

Parameter	Units	35800552031	Dup Result	Max RPD	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.0018 U	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00069 U	0.00085 U	40	
1,1,2-Trichloroethane	mg/kg	0.00067 U	0.00082 U	40	
1,1-Dichloroethane	mg/kg	0.0011 U	0.0014 U	40	
1,1-Dichloroethene	mg/kg	0.0028 U	0.0035 U	40	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.0015 U	40	
1,2-Dichlorobenzene	mg/kg	0.00087 U	0.0011 U	40	
1,2-Dichloroethane	mg/kg	0.00088 U	0.0011 U	40	
1,2-Dichloropropane	mg/kg	0.0010 U	0.0013 U	40	
1,3-Dichlorobenzene	mg/kg	0.0010 U	0.0013 U	40	
1,3-Dichloropropene	mg/kg	0.0028 U	0.0035 U	40	
1,4-Dichlorobenzene	mg/kg	0.00076 U	0.00093 U	40	
2-Butanone (MEK)	mg/kg	0.0057 U	0.0070 U	40 J(v2)	
2-Hexanone	mg/kg	0.0057 U	0.0070 U	40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0057 U	0.0070 U	40	
Acetone	mg/kg	0.010 U	0.012 U	40	
Benzene	mg/kg	0.0011 U	0.0014 U	40	
Bromochloromethane	mg/kg	0.00084 U	0.0010 U	40	
Bromodichloromethane	mg/kg	0.0013 U	0.0015 U	40	
Bromoform	mg/kg	0.0013 U	0.0015 U	40	
Bromomethane	mg/kg	0.0021 U	0.0025 U	40 J(v2)	
Carbon disulfide	mg/kg	0.0028 U	0.0035 U	40 J(v1)	
Carbon tetrachloride	mg/kg	0.0014 U	0.0017 U	40	
Chlorobenzene	mg/kg	0.0011 U	0.0013 U	40	

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## REPORT OF LABORATORY ANALYSIS

## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

SAMPLE DUPLICATE: 5059587

Parameter	Units	35800552031	Dup Result	RPD	Max RPD	Qualifiers
Chloroethane	mg/kg	0.0024 U	0.0029 U		40	
Chloroform	mg/kg	0.00096 U	0.0012 U		40	
Chloromethane	mg/kg	0.0010 U	0.0012 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.0015 U		40	
Dibromochloromethane	mg/kg	0.00099 U	0.0012 U		40	
Dibromomethane	mg/kg	0.00081 U	0.00099 U		40	
Ethylbenzene	mg/kg	0.0014 U	0.0017 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0015 U	0.0018 U		40	
Methyl-tert-butyl ether	mg/kg	0.0017 U	0.0021 U		40	
Methylene Chloride	mg/kg	0.0050 U	0.0061 U		40	
Styrene	mg/kg	0.0028 U	0.0035 U		40	
Tetrachloroethene	mg/kg	0.0014 U	0.0017 U		40	
Toluene	mg/kg	0.00092 U	0.0011 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.0018 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0014 U	0.0017 U		40	
Trichloroethene	mg/kg	0.0014 U	0.0017 U		40	
Trichlorofluoromethane	mg/kg	0.0028 U	0.0035 U		40	
Vinyl chloride	mg/kg	0.0011 U	0.0013 U		40	
Xylene (Total)	mg/kg	0.0059 U	0.0071 U		40	
1,2-Dichlorobenzene-d4 (S)	%	102	96		40	
4-Bromofluorobenzene (S)	%	118	99		40	
Toluene-d8 (S)	%	102	97		40	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	920248	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552021

METHOD BLANK: 5060217

Matrix: Solid

Associated Lab Samples: 35800552021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/23/23 19:30	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/23/23 19:30	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/23/23 19:30	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/23/23 19:30	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/23/23 19:30	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/23/23 19:30	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/23/23 19:30	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/23/23 19:30	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/23/23 19:30	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/23/23 19:30	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/23/23 19:30	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/23/23 19:30	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/23/23 19:30	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/23/23 19:30	J(v2)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/23/23 19:30	
Acetone	mg/kg	0.0089 U	0.050	0.0089	05/23/23 19:30	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/23/23 19:30	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/23/23 19:30	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/23/23 19:30	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/23/23 19:30	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/23/23 19:30	
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/23/23 19:30	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/23/23 19:30	
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/23/23 19:30	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/23/23 19:30	
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/23/23 19:30	
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/23/23 19:30	J(v2)
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/23/23 19:30	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/23/23 19:30	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/23/23 19:30	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/23/23 19:30	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/23/23 19:30	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/23/23 19:30	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/23/23 19:30	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/23/23 19:30	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/23/23 19:30	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/23/23 19:30	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/23/23 19:30	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/23/23 19:30	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/23/23 19:30	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

METHOD BLANK: 5060217                          Matrix: Solid  
Associated Lab Samples: 35800552021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/23/23 19:30	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/23/23 19:30	J(v2)
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/23/23 19:30	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130		05/23/23 19:30	
4-Bromofluorobenzene (S)	%	98	68-125		05/23/23 19:30	
Toluene-d8 (S)	%	97	70-130		05/23/23 19:30	

LABORATORY CONTROL SAMPLE: 5060218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.019	95	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.018	91	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.018	90	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.018	92	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.019	94	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.019	96	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.018	91	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	95	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.019	95	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.019	95	70-130	
1,3-Dichloropropene	mg/kg		0.037			
1,4-Dichlorobenzene	mg/kg	0.02	0.019	94	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.084	84	64-121	
2-Hexanone	mg/kg	0.1	0.078	78	59-137 J(v3)	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.080	80	70-130	
Acetone	mg/kg	0.1	0.099	99	68-146	
Benzene	mg/kg	0.02	0.018	91	70-130	
Bromochloromethane	mg/kg	0.02	0.018	89	70-130	
Bromodichloromethane	mg/kg	0.02	0.018	91	70-130	
Bromoform	mg/kg	0.02	0.018	88	54-129	
Bromomethane	mg/kg	0.02	0.017	86	58-144	
Carbon disulfide	mg/kg	0.02	0.016	82	57-133	
Carbon tetrachloride	mg/kg	0.02	0.018	90	63-137	
Chlorobenzene	mg/kg	0.02	0.019	95	70-130	
Chloroethane	mg/kg	0.02	0.017	87	40-165	
Chloroform	mg/kg	0.02	0.018	89	70-130	
Chloromethane	mg/kg	0.02	0.016	79	64-127 J(v3)	
cis-1,2-Dichloroethene	mg/kg	0.02	0.019	93	70-130	
Dibromochloromethane	mg/kg	0.02	0.018	90	70-130	
Dibromomethane	mg/kg	0.02	0.017	87	70-130	
Ethylbenzene	mg/kg	0.02	0.018	91	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	95	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.017	84	65-124	
Methylene Chloride	mg/kg	0.02	0.018	88	51-142	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

**LABORATORY CONTROL SAMPLE:** 5060218

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	mg/kg	0.02	0.022	111	70-130	
Tetrachloroethene	mg/kg	0.02	0.019	93	70-130	
Toluene	mg/kg	0.02	0.018	90	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.018	92	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.019	93	65-142	
Trichloroethene	mg/kg	0.02	0.018	91	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.018	91	60-148	
Vinyl chloride	mg/kg	0.02	0.016	79	69-124 J(v3)	
Xylene (Total)	mg/kg	0.06	0.056	93	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			98	68-125	
Toluene-d8 (S)	%			99	70-130	

**MATRIX SPIKE SAMPLE:** 5060220

Parameter	Units	35800791004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0010 U	0.016	0.021	130	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00047 U	0.016	0.016	98	70-130	
1,1,2-Trichloroethane	mg/kg	0.00046 U	0.016	0.016	97	70-130	
1,1-Dichloroethane	mg/kg	0.00076 U	0.016	0.019	118	70-130	
1,1-Dichloroethene	mg/kg	0.0019 U	0.016	0.022	136	62-131 J(M1)	
1,2,4-Trimethylbenzene	mg/kg	0.00085 U	0.016	0.014	89	70-130	
1,2-Dichlorobenzene	mg/kg	0.00059 U	0.016	0.013	82	70-130	
1,2-Dichloroethane	mg/kg	0.00060 U	0.016	0.018	110	70-130	
1,2-Dichloropropane	mg/kg	0.00071 U	0.016	0.018	113	70-130	
1,3-Dichlorobenzene	mg/kg	0.00071 U	0.016	0.014	84	70-130	
1,3-Dichloropropene	mg/kg	0.0019 U		0.033			
1,4-Dichlorobenzene	mg/kg	0.00052 U	0.016	0.013	81	70-130	
2-Butanone (MEK)	mg/kg	0.0039 U	0.08	0.077	96	64-121	
2-Hexanone	mg/kg	0.0039 U	0.08	0.069	86	59-137 J(v3)	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0039 U	0.08	0.071	88	70-130	
Acetone	mg/kg	0.0069 U	0.08	0.093	111	68-146	
Benzene	mg/kg	0.00077 U	0.016	0.018	115	70-130	
Bromochloromethane	mg/kg	0.00057 U	0.016	0.017	107	70-130	
Bromodichloromethane	mg/kg	0.00085 U	0.016	0.017	104	70-130	
Bromoform	mg/kg	0.00085 U	0.016	0.015	93	54-129	
Bromomethane	mg/kg	0.0014 U	0.016	0.020	123	58-144	
Carbon disulfide	mg/kg	0.0019 U	0.016	0.020	122	57-133	
Carbon tetrachloride	mg/kg	0.00093 U	0.016	0.021	129	63-137	
Chlorobenzene	mg/kg	0.00072 U	0.016	0.016	100	70-130	
Chloroethane	mg/kg	0.0016 U	0.016	0.022	140	40-165	
Chloroform	mg/kg	0.00065 U	0.016	0.017	107	70-130	
Chloromethane	mg/kg	0.00069 U	0.016	0.022	138	64-127 J(M1),J(v3)	
cis-1,2-Dichloroethene	mg/kg	0.00085 U	0.016	0.019	118	70-130	
Dibromochloromethane	mg/kg	0.00067 U	0.016	0.016	100	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

MATRIX SPIKE SAMPLE:	5060220						
Parameter	Units	35800791004	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibromomethane	mg/kg	0.00055 U	0.016	0.016	100	70-130	
Ethylbenzene	mg/kg	0.00093 U	0.016	0.016	99	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.0010 U	0.016	0.016	102	70-130	
Methyl-tert-butyl ether	mg/kg	0.0012 U	0.016	0.016	98	65-124	
Methylene Chloride	mg/kg	0.0034 U	0.016	0.017	105	51-142	
Styrene	mg/kg	0.0019 U	0.016	0.018	111	70-130	
Tetrachloroethene	mg/kg	0.00093 U	0.016	0.019	118	70-130	
Toluene	mg/kg	0.00063 U	0.016	0.017	107	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0010 U	0.016	0.020	125	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.00093 U	0.016	0.016	99	65-142	
Trichloroethene	mg/kg	0.00093 U	0.016	0.019	119	70-130	
Trichlorofluoromethane	mg/kg	0.0019 U	0.016	0.028	173	60-148 J(M1)	
Vinyl chloride	mg/kg	0.00072 U	0.016	0.024	151	69-124 J(M1),J(v3)	
Xylene (Total)	mg/kg	0.0040 U	0.048	0.048	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				99	68-125	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 5060219

Parameter	Units	35800791001	Dup Result	Max RPD	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0012 U	0.0014 U	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00058 U	0.00068 U	40	
1,1,2-Trichloroethane	mg/kg	0.00056 U	0.00065 U	40	
1,1-Dichloroethane	mg/kg	0.00093 U	0.0011 U	40	
1,1-Dichloroethene	mg/kg	0.0024 U	0.0028 U	40	
1,2,4-Trimethylbenzene	mg/kg	0.18	0.18	2	40
1,2-Dichlorobenzene	mg/kg	0.00072 U	0.00084 U	40	
1,2-Dichloroethane	mg/kg	0.00073 U	0.00085 U	40	
1,2-Dichloropropane	mg/kg	0.00087 U	0.0010 U	40	
1,3-Dichlorobenzene	mg/kg	0.00086 U	0.0010 U	40	
1,3-Dichloropropene	mg/kg	0.0024 U	0.0028 U	40	
1,4-Dichlorobenzene	mg/kg	0.00064 U	0.00074 U	40	
2-Butanone (MEK)	mg/kg	0.0048 U	0.0055 U	40	
2-Hexanone	mg/kg	0.0048 U	0.0055 U	40	J(v2)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0048 U	0.0055 U	40	
Acetone	mg/kg	0.0085 U	0.0099 U	40	
Benzene	mg/kg	0.0079	0.0091	14	40
Bromochloromethane	mg/kg	0.00070 U	0.00082 U	40	
Bromodichloromethane	mg/kg	0.0010 U	0.0012 U	40	
Bromoform	mg/kg	0.0010 U	0.0012 U	40	
Bromomethane	mg/kg	0.0017 U	0.0020 U	40	
Carbon disulfide	mg/kg	0.0024 U	0.0028 U	40	
Carbon tetrachloride	mg/kg	0.0011 U	0.0013 U	40	
Chlorobenzene	mg/kg	0.00088 U	0.0010 U	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

SAMPLE DUPLICATE: 5060219

Parameter	Units	35800791001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloroethane	mg/kg	0.0020 U	0.0023 U		40	
Chloroform	mg/kg	0.00080 U	0.00093 U		40	
Chloromethane	mg/kg	0.00085 U	0.00099 U		40 J(v2)	
cis-1,2-Dichloroethene	mg/kg	0.0010 U	0.0012 U		40	
Dibromochloromethane	mg/kg	0.00083 U	0.00096 U		40	
Dibromomethane	mg/kg	0.00067 U	0.00079 U		40	
Ethylbenzene	mg/kg	0.039	0.044	11	40	
Isopropylbenzene (Cumene)	mg/kg	0.0096	0.0096	0	40	
Methyl-tert-butyl ether	mg/kg	0.0014 U	0.0017 U		40	
Methylene Chloride	mg/kg	0.0042 U	0.0049 U		40	
Styrene	mg/kg	0.0024 U	0.0028 U		40	
Tetrachloroethene	mg/kg	0.0011 U	0.0013 U		40	
Toluene	mg/kg	0.00077 U	0.00090 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0012 U	0.0014 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0011 U	0.0013 U		40	
Trichloroethene	mg/kg	0.0011 U	0.0013 U		40	
Trichlorofluoromethane	mg/kg	0.0024 U	0.0028 U		40	
Vinyl chloride	mg/kg	0.00088 U	0.0010 U		40 J(v2)	
Xylene (Total)	mg/kg	0.073	0.074	2	40	
1,2-Dichlorobenzene-d4 (S)	%	100	98		40	
4-Bromofluorobenzene (S)	%	101	98		40	
Toluene-d8 (S)	%	100	102		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	920620	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552027

METHOD BLANK: 5062064   Matrix: Solid

Associated Lab Samples: 35800552027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/24/23 23:10	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/24/23 23:10	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/24/23 23:10	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/24/23 23:10	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/24/23 23:10	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/24/23 23:10	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/24/23 23:10	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/24/23 23:10	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/24/23 23:10	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/24/23 23:10	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/24/23 23:10	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/24/23 23:10	
Acetone	mg/kg	0.0089 U	0.050	0.0089	05/24/23 23:10	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/24/23 23:10	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/24/23 23:10	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/24/23 23:10	J(v2)
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/24/23 23:10	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/24/23 23:10	
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/24/23 23:10	
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/24/23 23:10	J(v2)
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/24/23 23:10	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/24/23 23:10	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/24/23 23:10	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/24/23 23:10	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/24/23 23:10	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/24/23 23:10	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/24/23 23:10	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

METHOD BLANK: 5062064

Matrix: Solid

Associated Lab Samples: 35800552027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/24/23 23:10	J(v2)
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/24/23 23:10	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		05/24/23 23:10	
4-Bromofluorobenzene (S)	%	100	68-125		05/24/23 23:10	
Toluene-d8 (S)	%	100	70-130		05/24/23 23:10	

LABORATORY CONTROL SAMPLE: 5062065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.019	93	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	96	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.018	88	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.018	90	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.018	91	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.020	99	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.019	94	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	95	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.019	94	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.019	96	70-130	
1,3-Dichloropropene	mg/kg		0.039			
1,4-Dichlorobenzene	mg/kg	0.02	0.019	94	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.098	98	64-121	
2-Hexanone	mg/kg	0.1	0.090	90	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.091	91	70-130	
Acetone	mg/kg	0.1	0.11	114	68-146	
Benzene	mg/kg	0.02	0.018	91	70-130	
Bromochloromethane	mg/kg	0.02	0.019	93	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	93	70-130	
Bromoform	mg/kg	0.02	0.018	91	54-129	
Bromomethane	mg/kg	0.02	0.016	79	58-144 J(v3)	
Carbon disulfide	mg/kg	0.02	0.016	82	57-133	
Carbon tetrachloride	mg/kg	0.02	0.018	89	63-137	
Chlorobenzene	mg/kg	0.02	0.019	93	70-130	
Chloroethane	mg/kg	0.02	0.016	81	40-165	
Chloroform	mg/kg	0.02	0.017	86	70-130	
Chloromethane	mg/kg	0.02	0.015	75	64-127 J(v3)	
cis-1,2-Dichloroethene	mg/kg	0.02	0.019	94	70-130	
Dibromochloromethane	mg/kg	0.02	0.018	92	70-130	
Dibromomethane	mg/kg	0.02	0.019	94	70-130	
Ethylbenzene	mg/kg	0.02	0.018	91	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.020	98	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	90	65-124	
Methylene Chloride	mg/kg	0.02	0.018	89	51-142	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5062065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	mg/kg	0.02	0.022	112	70-130	
Tetrachloroethene	mg/kg	0.02	0.018	91	70-130	
Toluene	mg/kg	0.02	0.018	90	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.018	92	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.019	94	65-142	
Trichloroethene	mg/kg	0.02	0.019	94	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.018	91	60-148	
Vinyl chloride	mg/kg	0.02	0.016	78	69-124 J(v3)	
Xylene (Total)	mg/kg	0.06	0.057	95	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	68-125	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5062069      5062070

Parameter	Units	35800552027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	0.0016 U	0.024	0.024	0.022	0.023	93	95	70-130	2	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00074 U	0.024	0.024	0.020	0.021	83	88	70-130	5	40	
1,1,2-Trichloroethane	mg/kg	0.00071 U	0.024	0.024	0.020	0.020	81	81	70-130	0	40	
1,1-Dichloroethane	mg/kg	0.0012 U	0.024	0.024	0.022	0.022	90	93	70-130	3	40	
1,1-Dichloroethene	mg/kg	0.0030 U	0.024	0.024	0.022	0.023	90	94	62-131	5	40	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.024	0.024	0.021	0.020	86	84	70-130	2	40	
1,2-Dichlorobenzene	mg/kg	0.00092 U	0.024	0.024	0.019	0.019	80	79	70-130	1	40	
1,2-Dichloroethane	mg/kg	0.00093 U	0.024	0.024	0.022	0.023	89	93	70-130	5	40	
1,2-Dichloropropane	mg/kg	0.0011 U	0.024	0.024	0.021	0.022	88	93	70-130	6	40	
1,3-Dichlorobenzene	mg/kg	0.0011 U	0.024	0.024	0.019	0.020	81	81	70-130	1	40	
1,3-Dichloropropene	mg/kg	0.0030 U			0.038	0.038				1	40	
1,4-Dichlorobenzene	mg/kg	0.00081 U	0.024	0.024	0.019	0.020	80	81	70-130	1	40	
2-Butanone (MEK)	mg/kg	0.0060 U	0.12	0.12	0.086	0.086	71	71	64-121	1	40	
2-Hexanone	mg/kg	0.0060 U	0.12	0.12	0.077	0.081	63	67	59-137	5	40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0060 U	0.12	0.12	0.083	0.087	69	72	70-130	5	40 J(M1)	
Acetone	mg/kg	0.011 U	0.12	0.12	0.10	0.11	75	81	68-146	8	40	
Benzene	mg/kg	0.0012 U	0.024	0.024	0.021	0.022	89	93	70-130	4	40	
Bromochloromethane	mg/kg	0.00089 U	0.024	0.024	0.021	0.022	88	91	70-130	4	40	
Bromodichloromethane	mg/kg	0.0013 U	0.024	0.024	0.021	0.022	87	93	70-130	7	40	
Bromoform	mg/kg	0.0013 U	0.024	0.024	0.019	0.020	77	81	54-129	5	40	
Bromomethane	mg/kg	0.0022 U	0.024	0.024	0.022	0.021	90	89	58-144	2	40 J(v3)	
Carbon disulfide	mg/kg	0.0030 U	0.024	0.024	0.018	0.019	74	77	57-133	4	40	
Carbon tetrachloride	mg/kg	0.0015 U	0.024	0.024	0.022	0.022	91	92	63-137	0	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5062069				5062070								
Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	RPD	Max RPD	Max Qual	
		35800552027	Spike Conc.	Spike Conc.	MS Result									
Chlorobenzene	mg/kg	0.0011	U	0.024	0.024	0.021	85	89	70-130	4	40			
Chloroethane	mg/kg	0.0025	U	0.024	0.024	0.023	96	102	40-165	6	40			
Chloroform	mg/kg	0.0010	U	0.024	0.024	0.021	87	94	70-130	7	40			
Chloromethane	mg/kg	0.0011	U	0.024	0.024	0.023	97	103	64-127	6	40	J(v3)		
cis-1,2-Dichloroethene	mg/kg	0.0013	U	0.024	0.024	0.022	0.023	92	94	70-130	3	40		
Dibromochloromethane	mg/kg	0.0011	U	0.024	0.024	0.020	0.022	83	89	70-130	7	40		
Dibromomethane	mg/kg	0.00086	U	0.024	0.024	0.021	0.022	88	90	70-130	1	40		
Ethylbenzene	mg/kg	0.0015	U	0.024	0.024	0.020	0.021	83	86	70-130	4	40		
Isopropylbenzene (Cumene)	mg/kg	0.0016	U	0.024	0.024	0.021	0.021	85	86	70-130	1	40		
Methyl-tert-butyl ether	mg/kg	0.0018	U	0.024	0.024	0.019	0.021	80	85	65-124	6	40		
Methylene Chloride	mg/kg	0.0053	U	0.024	0.024	0.021	0.022	88	91	51-142	3	40		
Styrene	mg/kg	0.0030	U	0.024	0.024	0.024	0.024	98	101	70-130	3	40		
Tetrachloroethene	mg/kg	0.0015	U	0.024	0.024	0.024	0.024	98	98	70-130	0	40		
Toluene	mg/kg	0.00098	U	0.024	0.024	0.021	0.022	87	91	70-130	4	40		
trans-1,2-Dichloroethene	mg/kg	0.0016	U	0.024	0.024	0.022	0.022	90	92	70-130	2	40		
trans-1,4-Dichloro-2-butene	mg/kg	0.0015	U	0.024	0.024	0.015	0.015	60	60	65-142	0	40	J(M1)	
Trichloroethene	mg/kg	0.0015	U	0.024	0.024	0.021	0.022	89	92	70-130	3	40		
Trichlorofluoromethane	mg/kg	0.0030	U	0.024	0.024	0.025	0.027	104	110	60-148	5	40		
Vinyl chloride	mg/kg	0.0011	U	0.024	0.024	0.024	0.026	99	106	69-124	7	40	J(v3)	
Xylene (Total)	mg/kg	0.0062	U	0.073	0.073	0.061	0.063	84	86	70-130	2	40		
1,2-Dichlorobenzene-d4 (S)	%							100	100	70-130		40		
4-Bromofluorobenzene (S)	%								96	98	68-125		40	
Toluene-d8 (S)	%								100	100	70-130		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919051	Analysis Method:	EPA 8081
QC Batch Method:	EPA 3546	Analysis Description:	8081 GCS Pesticides
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007, 35800552008, 35800552009, 35800552010, 35800552011, 35800552012		

METHOD BLANK: 5055119

Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
4,4'-DDD	mg/kg	0.000076 U	0.0017	0.000076	05/25/23 10:40	
4,4'-DDE	mg/kg	0.000067 U	0.0017	0.000067	05/25/23 10:40	
4,4'-DDT	mg/kg	0.00010 U	0.0017	0.00010	05/25/23 10:40	
Aldrin	mg/kg	0.00017 U	0.0017	0.00017	05/25/23 10:40	
alpha-BHC	mg/kg	0.000093 U	0.0017	0.000093	05/25/23 10:40	
beta-BHC	mg/kg	0.00020 U	0.0017	0.00020	05/25/23 10:40	
Chlordane (Technical)	mg/kg	0.0051 U	0.017	0.0051	05/25/23 10:40	
delta-BHC	mg/kg	0.000087 U	0.0017	0.000087	05/25/23 10:40	
Dieldrin	mg/kg	0.000065 U	0.0017	0.000065	05/25/23 10:40	
Endosulfan I	mg/kg	0.00019 U	0.0017	0.00019	05/25/23 10:40	
Endosulfan II	mg/kg	0.000076 U	0.0017	0.000076	05/25/23 10:40	
Endosulfan sulfate	mg/kg	0.000067 U	0.0017	0.000067	05/25/23 10:40	
Endrin	mg/kg	0.00011 U	0.0017	0.00011	05/25/23 10:40	
Endrin aldehyde	mg/kg	0.00011 U	0.0034	0.00011	05/25/23 10:40	
Endrin ketone	mg/kg	0.000079 U	0.0017	0.000079	05/25/23 10:40	
gamma-BHC (Lindane)	mg/kg	0.000049 U	0.0017	0.000049	05/25/23 10:40	
Heptachlor	mg/kg	0.00018 U	0.0017	0.00018	05/25/23 10:40	
Heptachlor epoxide	mg/kg	0.000073 U	0.0017	0.000073	05/25/23 10:40	
Methoxychlor	mg/kg	0.00025 U	0.0017	0.00025	05/25/23 10:40	
Toxaphene	mg/kg	0.0073 U	0.017	0.0073	05/25/23 10:40	
Decachlorobiphenyl (S)	%	73	43-157		05/25/23 10:40	
Tetrachloro-m-xylene (S)	%	74	53-140		05/25/23 10:40	

LABORATORY CONTROL SAMPLE: 5055120

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
4,4'-DDD	mg/kg	0.017	0.013	79	62-144	
4,4'-DDE	mg/kg	0.017	0.013	80	67-141	
4,4'-DDT	mg/kg	0.017	0.013	78	57-159	
Aldrin	mg/kg	0.017	0.012	74	70-136	
alpha-BHC	mg/kg	0.017	0.013	79	67-136	
beta-BHC	mg/kg	0.017	0.013	80	68-131	
delta-BHC	mg/kg	0.017	0.012	72	58-120	
Dieldrin	mg/kg	0.017	0.013	79	63-145	
Endosulfan I	mg/kg	0.017	0.013	79	66-129	
Endosulfan II	mg/kg	0.017	0.013	77	59-130	
Endosulfan sulfate	mg/kg	0.017	0.013	76	57-137	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5055120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.017	0.015	89	67-147	
Endrin aldehyde	mg/kg	0.017	0.012	74	54-144	
Endrin ketone	mg/kg	0.017	0.013	78	60-139	
gamma-BHC (Lindane)	mg/kg	0.017	0.013	79	69-137	
Heptachlor	mg/kg	0.017	0.014	85	68-135	
Heptachlor epoxide	mg/kg	0.017	0.013	80	68-135	
Methoxychlor	mg/kg	0.017	0.013	76	57-153	
Decachlorobiphenyl (S)	%			83	43-157	
Tetrachloro-m-xylene (S)	%			85	53-140	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5055193      5055194

Parameter	Units	35800101012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	mg/kg	0.000079 U	0.018	0.018	0.019	0.019	107	111	62-144	3	40	
4,4'-DDE	mg/kg	0.000070 U	0.018	0.018	0.019	0.019	107	111	67-141	4	40	
4,4'-DDT	mg/kg	0.000011 U	0.018	0.018	0.018	0.019	105	108	57-159	3	40	
Aldrin	mg/kg	0.000018 U	0.018	0.018	0.018	0.018	101	105	70-136	4	40	
alpha-BHC	mg/kg	0.000097 U	0.018	0.018	0.019	0.020	108	112	67-136	4	40	
beta-BHC	mg/kg	0.000021 U	0.018	0.018	0.019	0.019	107	112	68-131	4	40	
delta-BHC	mg/kg	0.000091 U	0.018	0.018	0.017	0.018	99	103	58-120	3	40	
Dieldrin	mg/kg	0.000068 U	0.018	0.018	0.018	0.019	106	110	63-145	4	40	
Endosulfan I	mg/kg	0.000020 U	0.018	0.018	0.018	0.019	105	109	66-129	4	40	
Endosulfan II	mg/kg	0.000079 U	0.018	0.018	0.018	0.019	105	107	59-130	3	40	
Endosulfan sulfate	mg/kg	0.000070 U	0.018	0.018	0.018	0.018	102	106	57-137	3	40	
Endrin	mg/kg	0.000011 U	0.018	0.018	0.021	0.022	119	124	67-147	4	40	
Endrin aldehyde	mg/kg	0.000012 U	0.018	0.018	0.017	0.018	98	101	54-144	3	40	
Endrin ketone	mg/kg	0.000083 U	0.018	0.018	0.018	0.019	104	108	60-139	3	40	
gamma-BHC (Lindane)	mg/kg	0.000051 U	0.018	0.018	0.018	0.019	105	110	69-137	4	40	
Heptachlor	mg/kg	0.000019 U	0.018	0.018	0.020	0.021	115	120	68-135	4	40	
Heptachlor epoxide	mg/kg	0.000076 U	0.018	0.018	0.019	0.019	108	112	68-135	3	40	
Methoxychlor	mg/kg	0.00026 U	0.018	0.018	0.017	0.018	100	105	57-153	4	40	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			5055193		5055194						
Parameter	Units	Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec	RPD	Max
			35800101012	Spike Conc.					RPD		Qual
Decachlorobiphenyl (S)	%						100		104	43-157	
Tetrachloro-m-xylene (S)	%						103		107	53-140	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919277	Analysis Method:	EPA 8081
QC Batch Method:	EPA 3546	Analysis Description:	8081 GCS Pesticides
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025		

METHOD BLANK: 5055994 Matrix: Solid

Associated Lab Samples: 35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019,  
35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
4,4'-DDD	mg/kg	0.000076 U	0.0017	0.000076	05/24/23 07:37	
4,4'-DDE	mg/kg	0.000067 U	0.0017	0.000067	05/24/23 07:37	
4,4'-DDT	mg/kg	0.00010 U	0.0017	0.00010	05/24/23 07:37	
Aldrin	mg/kg	0.00017 U	0.0017	0.00017	05/24/23 07:37	
alpha-BHC	mg/kg	0.000093 U	0.0017	0.000093	05/24/23 07:37	
beta-BHC	mg/kg	0.00020 U	0.0017	0.00020	05/24/23 07:37	
Chlordane (Technical)	mg/kg	0.0051 U	0.017	0.0051	05/24/23 07:37	
delta-BHC	mg/kg	0.000087 U	0.0017	0.000087	05/24/23 07:37	
Dieldrin	mg/kg	0.000065 U	0.0017	0.000065	05/24/23 07:37	
Endosulfan I	mg/kg	0.00019 U	0.0017	0.00019	05/24/23 07:37	
Endosulfan II	mg/kg	0.000076 U	0.0017	0.000076	05/24/23 07:37	
Endosulfan sulfate	mg/kg	0.000067 U	0.0017	0.000067	05/24/23 07:37	
Endrin	mg/kg	0.00011 U	0.0017	0.00011	05/24/23 07:37	
Endrin aldehyde	mg/kg	0.00011 U	0.0034	0.00011	05/24/23 07:37	
Endrin ketone	mg/kg	0.000079 U	0.0017	0.000079	05/24/23 07:37	
gamma-BHC (Lindane)	mg/kg	0.000049 U	0.0017	0.000049	05/24/23 07:37	
Heptachlor	mg/kg	0.00018 U	0.0017	0.00018	05/24/23 07:37	
Heptachlor epoxide	mg/kg	0.000073 U	0.0017	0.000073	05/24/23 07:37	
Methoxychlor	mg/kg	0.00025 U	0.0017	0.00025	05/24/23 07:37	
Toxaphene	mg/kg	0.0074 U	0.017	0.0074	05/24/23 07:37	
Decachlorobiphenyl (S)	%	92	43-157		05/24/23 07:37	
Tetrachloro-m-xylene (S)	%	84	53-140		05/24/23 07:37	

LABORATORY CONTROL SAMPLE: 5055995

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
4,4'-DDD	mg/kg	0.017	0.015	88	62-144	
4,4'-DDE	mg/kg	0.017	0.015	90	67-141	
4,4'-DDT	mg/kg	0.017	0.015	89	57-159	
Aldrin	mg/kg	0.017	0.014	87	70-136	
alpha-BHC	mg/kg	0.017	0.014	86	67-136	
beta-BHC	mg/kg	0.017	0.014	84	68-131	
delta-BHC	mg/kg	0.017	0.013	79	58-120	
Dieldrin	mg/kg	0.017	0.015	93	63-145	
Endosulfan I	mg/kg	0.017	0.016	94	66-129	
Endosulfan II	mg/kg	0.017	0.016	93	59-130	
Endosulfan sulfate	mg/kg	0.017	0.016	98	57-137	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

**LABORATORY CONTROL SAMPLE:** 5055995

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.017	0.016	97	67-147	
Endrin aldehyde	mg/kg	0.017	0.017	100	54-144	
Endrin ketone	mg/kg	0.017	0.016	97	60-139	
gamma-BHC (Lindane)	mg/kg	0.017	0.014	81	69-137	
Heptachlor	mg/kg	0.017	0.015	90	68-135	
Heptachlor epoxide	mg/kg	0.017	0.016	93	68-135	
Methoxychlor	mg/kg	0.017	0.015	91	57-153	
Decachlorobiphenyl (S)	%			97	43-157	
Tetrachloro-m-xylene (S)	%			92	53-140	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 5055996      5055997

Parameter	Units	35799325002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	mg/kg	0.000087 U	0.019	0.019	0.022	0.020	118	107	62-144	9	40	
4,4'-DDE	mg/kg	0.000076 U	0.019	0.019	0.022	0.020	118	106	67-141	10	40	
4,4'-DDT	mg/kg	0.00012 U	0.019	0.019	0.022	0.020	115	105	57-159	9	40	
Aldrin	mg/kg	0.00019 U	0.019	0.019	0.021	0.019	113	101	70-136	11	40	
alpha-BHC	mg/kg	0.00011 U	0.019	0.019	0.021	0.019	112	100	67-136	11	40	
beta-BHC	mg/kg	0.00023 U	0.019	0.019	0.021	0.019	109	98	68-131	10	40	
delta-BHC	mg/kg	0.000099 U	0.019	0.019	0.020	0.018	106	94	58-120	12	40	
Dieldrin	mg/kg	0.000074 U	0.019	0.019	0.023	0.021	121	109	63-145	10	40	
Endosulfan I	mg/kg	0.00022 U	0.019	0.019	0.023	0.021	122	110	66-129	10	40	
Endosulfan II	mg/kg	0.000087 U	0.019	0.019	0.023	0.021	121	110	59-130	9	40	
Endosulfan sulfate	mg/kg	0.000076 U	0.019	0.019	0.024	0.022	127	115	57-137	9	40	
Endrin	mg/kg	0.00012 U	0.019	0.019	0.024	0.022	129	116	67-147	10	40	
Endrin aldehyde	mg/kg	0.00013 U	0.019	0.019	0.023	0.021	123	108	54-144	12	40	
Endrin ketone	mg/kg	0.000090 U	0.019	0.019	0.023	0.022	124	115	60-139	7	40	
gamma-BHC (Lindane)	mg/kg	0.000056 U	0.019	0.019	0.021	0.019	108	98	69-137	10	40	
Heptachlor	mg/kg	0.00021 U	0.019	0.019	0.022	0.020	116	103	68-135	12	40	
Heptachlor epoxide	mg/kg	0.000083 U	0.019	0.019	0.023	0.021	121	109	68-135	10	40	
Methoxychlor	mg/kg	0.00028 U	0.019	0.019	0.022	0.020	116	108	57-153	7	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			5055996		5055997						
Parameter	Units	Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec	RPD	Max
			Spike Conc.	Spike Conc.					Limits		Qual
Decachlorobiphenyl (S)	%						108	92	43-157		
Tetrachloro-m-xylene (S)	%						102	87	53-140		

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919334	Analysis Method:	EPA 8081
QC Batch Method:	EPA 3546	Analysis Description:	8081 GCS Pesticides
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032, 35800552033

METHOD BLANK: 5056571

Matrix: Solid

Associated Lab Samples: 35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032, 35800552033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4,4'-DDD	mg/kg	0.000076 U	0.0017	0.000076	05/28/23 14:03	
4,4'-DDE	mg/kg	0.000067 U	0.0017	0.000067	05/28/23 14:03	
4,4'-DDT	mg/kg	0.00010 U	0.0017	0.00010	05/28/23 14:03	
Aldrin	mg/kg	0.00017 U	0.0017	0.00017	05/28/23 14:03	
alpha-BHC	mg/kg	0.000093 U	0.0017	0.000093	05/28/23 14:03	
beta-BHC	mg/kg	0.00020 U	0.0017	0.00020	05/28/23 14:03	
Chlordane (Technical)	mg/kg	0.0051 U	0.017	0.0051	05/28/23 14:03	
delta-BHC	mg/kg	0.000087 U	0.0017	0.000087	05/28/23 14:03	
Dieldrin	mg/kg	0.000065 U	0.0017	0.000065	05/28/23 14:03	
Endosulfan I	mg/kg	0.00019 U	0.0017	0.00019	05/28/23 14:03	
Endosulfan II	mg/kg	0.000076 U	0.0017	0.000076	05/28/23 14:03	
Endosulfan sulfate	mg/kg	0.000067 U	0.0017	0.000067	05/28/23 14:03	
Endrin	mg/kg	0.00011 U	0.0017	0.00011	05/28/23 14:03	
Endrin aldehyde	mg/kg	0.00011 U	0.0034	0.00011	05/28/23 14:03	
Endrin ketone	mg/kg	0.000079 U	0.0017	0.000079	05/28/23 14:03	
gamma-BHC (Lindane)	mg/kg	0.000049 U	0.0017	0.000049	05/28/23 14:03	
Heptachlor	mg/kg	0.00018 U	0.0017	0.00018	05/28/23 14:03	
Heptachlor epoxide	mg/kg	0.000073 U	0.0017	0.000073	05/28/23 14:03	
Methoxychlor	mg/kg	0.00025 U	0.0017	0.00025	05/28/23 14:03	
Toxaphene	mg/kg	0.0073 U	0.017	0.0073	05/28/23 14:03	
Decachlorobiphenyl (S)	%	96	43-157		05/28/23 14:03	
Tetrachloro-m-xylene (S)	%	102	53-140		05/28/23 14:03	

LABORATORY CONTROL SAMPLE: 5056572

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	mg/kg	0.017	0.018	108	62-144	
4,4'-DDE	mg/kg	0.017	0.018	108	67-141	
4,4'-DDT	mg/kg	0.017	0.018	106	57-159	
Aldrin	mg/kg	0.017	0.017	102	70-136	
alpha-BHC	mg/kg	0.017	0.018	111	67-136	
beta-BHC	mg/kg	0.017	0.018	109	68-131	
delta-BHC	mg/kg	0.017	0.017	104	58-120	
Dieldrin	mg/kg	0.017	0.018	108	63-145	
Endosulfan I	mg/kg	0.017	0.018	106	66-129	
Endosulfan II	mg/kg	0.017	0.018	108	59-130	
Endosulfan sulfate	mg/kg	0.017	0.018	108	57-137	
Endrin	mg/kg	0.017	0.020	122	67-147	
Endrin aldehyde	mg/kg	0.017	0.017	105	54-144	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5056572

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin ketone	mg/kg	0.017	0.018	109	60-139	
gamma-BHC (Lindane)	mg/kg	0.017	0.018	110	69-137	
Heptachlor	mg/kg	0.017	0.019	117	68-135	
Heptachlor epoxide	mg/kg	0.017	0.018	109	68-135	
Methoxychlor	mg/kg	0.017	0.017	102	57-153	
Decachlorobiphenyl (S)	%			92	43-157	
Tetrachloro-m-xylene (S)	%			99	53-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5056701 5056702

Parameter	Units	35800552028		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	MSD Result	MSD Result						
4,4'-DDD	mg/kg	0.000084 U	0.019	0.019	0.014	0.016	77	89	62-144	14	40		
4,4'-DDE	mg/kg	0.000074 U	0.019	0.019	0.013	0.017	73	90	67-141	21	40		
4,4'-DDT	mg/kg	0.00025 I	0.019	0.019	0.013	0.016	70	85	57-159	20	40		
Aldrin	mg/kg	0.00019 U	0.019	0.019	0.013	0.016	69	86	70-136	22	40 J(M1)		
alpha-BHC	mg/kg	0.00010 U	0.019	0.019	0.014	0.017	74	93	67-136	23	40		
beta-BHC	mg/kg	0.00023 U	0.019	0.019	0.013	0.016	69	87	68-131	23	40		
delta-BHC	mg/kg	0.000096 U	0.019	0.019	0.012	0.015	66	84	58-120	23	40		
Dieldrin	mg/kg	0.000072 U	0.019	0.019	0.014	0.017	73	92	63-145	22	40		
Endosulfan I	mg/kg	0.00021 U	0.019	0.019	0.013	0.016	72	88	66-129	21	40		
Endosulfan II	mg/kg	0.000084 U	0.019	0.019	0.013	0.016	72	87	59-130	19	40		
Endosulfan sulfate	mg/kg	0.000074 U	0.019	0.019	0.013	0.016	71	88	57-137	21	40		
Endrin	mg/kg	0.00034 I	0.019	0.019	0.015	0.019	82	99	67-147	18	40		
Endrin aldehyde	mg/kg	0.00012 U	0.019	0.019	0.011	0.013	60	70	54-144	15	40		
Endrin ketone	mg/kg	0.000087 U	0.019	0.019	0.012	0.016	65	84	60-139	26	40		
gamma-BHC (Lindane)	mg/kg	0.000066 I	0.019	0.019	0.014	0.017	73	92	69-137	23	40		
Heptachlor	mg/kg	0.00020 U	0.019	0.019	0.015	0.018	80	99	68-135	22	40		
Heptachlor epoxide	mg/kg	0.00021 I	0.019	0.019	0.013	0.017	71	91	68-135	24	40		
Methoxychlor	mg/kg	0.00028 U	0.019	0.019	0.012	0.014	66	74	57-153	11	40		
Decachlorobiphenyl (S)	%						64	77	43-157				
Tetrachloro-m-xylene (S)	%						72	91	53-140				

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## REPORT OF LABORATORY ANALYSIS

## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	921941	Analysis Method:	EPA 8081
QC Batch Method:	EPA 3546	Analysis Description:	8081 GCS Pesticides
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552026

METHOD BLANK: 5068147 Matrix: Solid

Associated Lab Samples: 35800552026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4,4'-DDD	mg/kg	0.000076 U	0.0017	0.000076	05/31/23 13:46	
4,4'-DDE	mg/kg	0.000067 U	0.0017	0.000067	05/31/23 13:46	
4,4'-DDT	mg/kg	0.00010 U	0.0017	0.00010	05/31/23 13:46	
Aldrin	mg/kg	0.00017 U	0.0017	0.00017	05/31/23 13:46	
alpha-BHC	mg/kg	0.000093 U	0.0017	0.000093	05/31/23 13:46	
beta-BHC	mg/kg	0.00020 U	0.0017	0.00020	05/31/23 13:46	
Chlordane (Technical)	mg/kg	0.0051 U	0.017	0.0051	05/31/23 13:46	
delta-BHC	mg/kg	0.000087 U	0.0017	0.000087	05/31/23 13:46	
Dieldrin	mg/kg	0.000065 U	0.0017	0.000065	05/31/23 13:46	
Endosulfan I	mg/kg	0.00019 U	0.0017	0.00019	05/31/23 13:46	
Endosulfan II	mg/kg	0.000076 U	0.0017	0.000076	05/31/23 13:46	
Endosulfan sulfate	mg/kg	0.000067 U	0.0017	0.000067	05/31/23 13:46	
Endrin	mg/kg	0.00011 U	0.0017	0.00011	05/31/23 13:46	
Endrin aldehyde	mg/kg	0.00011 U	0.0034	0.00011	05/31/23 13:46	
Endrin ketone	mg/kg	0.000079 U	0.0017	0.000079	05/31/23 13:46	
gamma-BHC (Lindane)	mg/kg	0.000049 U	0.0017	0.000049	05/31/23 13:46	
Heptachlor	mg/kg	0.00018 U	0.0017	0.00018	05/31/23 13:46	
Heptachlor epoxide	mg/kg	0.000073 U	0.0017	0.000073	05/31/23 13:46	
Methoxychlor	mg/kg	0.00025 U	0.0017	0.00025	05/31/23 13:46	
Toxaphene	mg/kg	0.0073 U	0.017	0.0073	05/31/23 13:46	
Decachlorobiphenyl (S)	%	76	43-157		05/31/23 13:46	
Tetrachloro-m-xylene (S)	%	72	53-140		05/31/23 13:46	

LABORATORY CONTROL SAMPLE: 5068148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	mg/kg	0.017	0.012	72	62-144	
4,4'-DDE	mg/kg	0.017	0.012	73	67-141	
4,4'-DDT	mg/kg	0.017	0.012	74	57-159	
Aldrin	mg/kg	0.017	0.012	71	70-136	
alpha-BHC	mg/kg	0.017	0.012	75	67-136	
beta-BHC	mg/kg	0.017	0.011	69	68-131	
delta-BHC	mg/kg	0.017	0.011	65	58-120	
Dieldrin	mg/kg	0.017	0.012	72	63-145	
Endosulfan I	mg/kg	0.017	0.012	72	66-129	
Endosulfan II	mg/kg	0.017	0.012	71	59-130	
Endosulfan sulfate	mg/kg	0.017	0.011	69	57-137	
Endrin	mg/kg	0.017	0.013	78	67-147	
Endrin aldehyde	mg/kg	0.017	0.012	71	54-144	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5068148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin ketone	mg/kg	0.017	0.012	70	60-139	
gamma-BHC (Lindane)	mg/kg	0.017	0.012	73	69-137	
Heptachlor	mg/kg	0.017	0.012	74	68-135	
Heptachlor epoxide	mg/kg	0.017	0.012	73	68-135	
Methoxychlor	mg/kg	0.017	0.012	74	57-153	
Decachlorobiphenyl (S)	%			76	43-157	
Tetrachloro-m-xylene (S)	%			77	53-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5068169 5068170

Parameter	Units	35800552026 Result	MS	MSD	MS Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.							
4,4'-DDD	mg/kg	0.000092 U	0.021	0.021	0.018	0.017	87	84	62-144	3	40
4,4'-DDE	mg/kg	0.000082 U	0.021	0.021	0.017	0.017	86	84	67-141	3	40
4,4'-DDT	mg/kg	0.00012 U	0.021	0.021	0.018	0.017	88	85	57-159	4	40
Aldrin	mg/kg	0.00021 U	0.021	0.021	0.018	0.017	87	85	70-136	3	40
alpha-BHC	mg/kg	0.00011 U	0.021	0.021	0.018	0.018	90	89	67-136	1	40
beta-BHC	mg/kg	0.00025 U	0.021	0.021	0.017	0.016	81	79	68-131	2	40
delta-BHC	mg/kg	0.00011 U	0.021	0.021	0.016	0.016	79	77	58-120	3	40
Dieldrin	mg/kg	0.000079 U	0.021	0.021	0.018	0.017	87	85	63-145	2	40
Endosulfan I	mg/kg	0.00023 U	0.021	0.021	0.017	0.017	86	84	66-129	2	40
Endosulfan II	mg/kg	0.000092 U	0.021	0.021	0.018	0.017	86	84	59-130	3	40
Endosulfan sulfate	mg/kg	0.000082 U	0.021	0.021	0.017	0.017	85	81	57-137	4	40
Endrin	mg/kg	0.00013 U	0.021	0.021	0.019	0.019	95	94	67-147	2	40
Endrin aldehyde	mg/kg	0.00013 U	0.021	0.021	0.017	0.016	83	79	54-144	5	40
Endrin ketone	mg/kg	0.000096 U	0.021	0.021	0.017	0.016	85	80	60-139	5	40
gamma-BHC (Lindane)	mg/kg	0.000060 U	0.021	0.021	0.018	0.018	88	87	69-137	2	40
Heptachlor	mg/kg	0.00022 U	0.021	0.021	0.018	0.018	89	87	68-135	3	40
Heptachlor epoxide	mg/kg	0.000089 U	0.021	0.021	0.018	0.018	88	87	68-135	1	40
Methoxychlor	mg/kg	0.00030 U	0.021	0.021	0.018	0.017	87	85	57-153	3	40
Decachlorobiphenyl (S)	%						81	78	43-157		
Tetrachloro-m-xylene (S)	%						88	86	53-140		

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919333	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: 35800552001, 35800552002, 35800552003, 35800552005, 35800552006

METHOD BLANK: 5056569

Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552005, 35800552006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	05/22/23 08:57	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	05/22/23 08:57	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	05/22/23 08:57	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	05/22/23 08:57	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	05/22/23 08:57	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	05/22/23 08:57	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	05/22/23 08:57	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/22/23 08:57	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	05/22/23 08:57	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/22/23 08:57	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	05/22/23 08:57	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	05/22/23 08:57	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	05/22/23 08:57	
Fluorene	mg/kg	0.012 U	0.037	0.012	05/22/23 08:57	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	05/22/23 08:57	
Naphthalene	mg/kg	0.012 U	0.035	0.012	05/22/23 08:57	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	05/22/23 08:57	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	05/22/23 08:57	
2-Fluorobiphenyl (S)	%	65	29-101		05/22/23 08:57	
Nitrobenzene-d5 (S)	%	60	24-98		05/22/23 08:57	
p-Terphenyl-d14 (S)	%	84	29-112		05/22/23 08:57	

LABORATORY CONTROL SAMPLE: 5056570

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.1	65	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.1	67	37-115	
Acenaphthene	mg/kg	1.7	1.0	63	30-127	
Acenaphthylene	mg/kg	1.7	1.1	63	29-129	
Anthracene	mg/kg	1.7	1.2	73	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.2	75	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.3	78	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	73	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.3	79	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.4	82	39-133	
Chrysene	mg/kg	1.7	1.3	76	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.3	76	37-127	
Fluoranthene	mg/kg	1.7	1.3	77	39-130	
Fluorene	mg/kg	1.7	1.2	70	35-125	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

**LABORATORY CONTROL SAMPLE:** 5056570

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.3	77	35-133	
Naphthalene	mg/kg	1.7	1.1	64	36-115	
Phenanthrene	mg/kg	1.7	1.2	72	35-128	
Pyrene	mg/kg	1.7	1.2	75	37-132	
2-Fluorobiphenyl (S)	%			63	29-101	
Nitrobenzene-d5 (S)	%			59	24-98	
p-Terphenyl-d14 (S)	%			79	29-112	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 5056699      5056700

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		
		35799961006	Result	Spike Conc.	MSD Spike Conc.				RPD	RPD	Qual
1-Methylnaphthalene	mg/kg	0.0056	U	1.7	1.7	0.95	1.1	57	64	38-115	12 40
2-Methylnaphthalene	mg/kg	0.0053	U	1.7	1.7	0.98	1.1	58	66	37-115	12 40
Acenaphthene	mg/kg	0.016	U	1.7	1.7	0.94	1.0	56	62	30-127	10 40
Acenaphthylene	mg/kg	0.0053	U	1.7	1.7	0.95	1.0	56	62	29-129	10 40
Anthracene	mg/kg	0.0046	U	1.7	1.7	1.1	1.2	64	71	37-126	10 40
Benzo(a)anthracene	mg/kg	0.0045	U	1.7	1.7	1.1	1.2	67	73	37-130	9 40
Benzo(a)pyrene	mg/kg	0.0084	U	1.7	1.7	1.2	1.3	70	76	39-128	9 40
Benzo(b)fluoranthene	mg/kg	0.0090	U	1.7	1.7	1.1	1.2	66	72	38-128	9 40
Benzo(g,h,i)perylene	mg/kg	0.0085	U	1.7	1.7	1.2	1.3	71	77	34-136	9 40
Benzo(k)fluoranthene	mg/kg	0.0090	U	1.7	1.7	1.2	1.3	73	79	39-133	7 40
Chrysene	mg/kg	0.0045	U	1.7	1.7	1.2	1.3	69	75	39-125	7 40
Dibenz(a,h)anthracene	mg/kg	0.0078	U	1.7	1.7	1.2	1.2	69	74	37-127	6 40
Fluoranthene	mg/kg	0.011	U	1.7	1.7	1.1	1.3	67	75	39-130	11 40
Fluorene	mg/kg	0.012	U	1.7	1.7	1.0	1.1	61	67	35-125	9 40
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077	U	1.7	1.7	1.2	1.2	69	74	35-133	8 40
Naphthalene	mg/kg	0.012	U	1.7	1.7	0.93	1.0	55	62	36-115	11 40
Phenanthrene	mg/kg	0.0048	U	1.7	1.7	1.1	1.2	63	70	35-128	11 40
Pyrene	mg/kg	0.0045	U	1.7	1.7	1.1	1.2	67	74	37-132	10 40
2-Fluorobiphenyl (S)	%							59	62	29-101	
Nitrobenzene-d5 (S)	%							53	56	24-98	
p-Terphenyl-d14 (S)	%							72	76	29-112	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919654	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:	35800552007, 35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023		

METHOD BLANK: 5057677

Matrix: Solid

Associated Lab Samples: 35800552007, 35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	05/22/23 20:18	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	05/22/23 20:18	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	05/22/23 20:18	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	05/22/23 20:18	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	05/22/23 20:18	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	05/22/23 20:18	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	05/22/23 20:18	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/22/23 20:18	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	05/22/23 20:18	J(v2)
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/22/23 20:18	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	05/22/23 20:18	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	05/22/23 20:18	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	05/22/23 20:18	
Fluorene	mg/kg	0.012 U	0.037	0.012	05/22/23 20:18	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	05/22/23 20:18	J(v2)
Naphthalene	mg/kg	0.012 U	0.035	0.012	05/22/23 20:18	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	05/22/23 20:18	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	05/22/23 20:18	
2-Fluorobiphenyl (S)	%	84	29-101		05/22/23 20:18	
Nitrobenzene-d5 (S)	%	75	24-98		05/22/23 20:18	
p-Terphenyl-d14 (S)	%	89	29-112		05/22/23 20:18	

LABORATORY CONTROL SAMPLE: 5057678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.3	80	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.4	82	37-115	
Acenaphthene	mg/kg	1.7	1.3	80	30-127	
Acenaphthylene	mg/kg	1.7	1.3	80	29-129	
Anthracene	mg/kg	1.7	1.4	86	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.5	88	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.5	92	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.4	87	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.1	69	34-136	J(v2)
Benzo(k)fluoranthene	mg/kg	1.7	1.7	101	39-133	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

**LABORATORY CONTROL SAMPLE:** 5057678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chrysene	mg/kg	1.7	1.5	88	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.2	75	37-127	
Fluoranthene	mg/kg	1.7	1.5	91	39-130	
Fluorene	mg/kg	1.7	1.4	83	35-125	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.2	73	35-133 J(v2)	
Naphthalene	mg/kg	1.7	1.3	80	36-115	
Phenanthrene	mg/kg	1.7	1.4	84	35-128	
Pyrene	mg/kg	1.7	1.3	80	37-132	
2-Fluorobiphenyl (S)	%			84	29-101	
Nitrobenzene-d5 (S)	%			74	24-98	
p-Terphenyl-d14 (S)	%			84	29-112	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE:** 5057712      5057713

Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35800941013	Result	Spike Conc.	MSD Spike Conc.							
1-Methylnaphthalene	mg/kg	0.0062	U	1.9	1.9	1.3	1.3	72	72	38-115	1	40
2-Methylnaphthalene	mg/kg	0.0058	U	1.9	1.9	1.3	1.4	73	74	37-115	2	40
Acenaphthene	mg/kg	0.018	U	1.9	1.9	1.3	1.3	72	72	30-127	1	40
Acenaphthylene	mg/kg	0.0058	U	1.9	1.9	1.3	1.3	72	73	29-129	2	40
Anthracene	mg/kg	0.0051	U	1.9	1.9	1.5	1.5	81	81	37-126	0	40
Benzo(a)anthracene	mg/kg	0.0050	U	1.9	1.9	1.5	1.5	84	84	37-130	1	40
Benzo(a)pyrene	mg/kg	0.0093	U	1.9	1.9	1.6	1.6	88	88	39-128	0	40
Benzo(b)fluoranthene	mg/kg	0.0099	U	1.9	1.9	1.6	1.6	85	88	38-128	4	40
Benzo(g,h,i)perylene	mg/kg	0.0094	U	1.9	1.9	1.2	1.2	66	66	34-136	1	40 J(v2)
Benzo(k)fluoranthene	mg/kg	0.0099	U	1.9	1.9	1.7	1.7	95	93	39-133	2	40
Chrysene	mg/kg	0.0050	U	1.9	1.9	1.5	1.6	84	85	39-125	2	40
Dibenz(a,h)anthracene	mg/kg	0.0086	U	1.9	1.9	1.3	1.3	72	72	37-127	0	40
Fluoranthene	mg/kg	0.012	U	1.9	1.9	1.6	1.6	85	87	39-130	3	40
Fluorene	mg/kg	0.013	U	1.9	1.9	1.4	1.4	75	77	35-125	3	40
Indeno(1,2,3-cd)pyrene	mg/kg	0.0085	U	1.9	1.9	1.3	1.3	70	70	35-133	1	40 J(v2)
Naphthalene	mg/kg	0.013	U	1.9	1.9	1.3	1.3	71	72	36-115	2	40
Phenanthrene	mg/kg	0.0053	U	1.9	1.9	1.5	1.5	80	80	35-128	0	40
Pyrene	mg/kg	0.0050	U	1.9	1.9	1.4	1.4	78	77	37-132	0	40
2-Fluorobiphenyl (S)	%							77	77	29-101		
Nitrobenzene-d5 (S)	%							66	67	24-98		
p-Terphenyl-d14 (S)	%							82	82	29-112		

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919655	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:	35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030, 35800552031, 35800552032, 35800552033		

METHOD BLANK: 5057679

Matrix: Solid

Associated Lab Samples: 35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030,  
35800552031, 35800552032, 35800552033

Parameter	Units	Blank	Reporting	MDL	Analyzed	Qualifiers
		Result	Limit			
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	05/23/23 15:09	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	05/23/23 15:09	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	05/23/23 15:09	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	05/23/23 15:09	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	05/23/23 15:09	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	05/23/23 15:09	
Benzo(a)pyrene	mg/kg	0.0083 U	0.034	0.0083	05/23/23 15:09	
Benzo(b)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	05/23/23 15:09	
Benzo(g,h,i)perylene	mg/kg	0.0084 U	0.034	0.0084	05/23/23 15:09	
Benzo(k)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	05/23/23 15:09	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	05/23/23 15:09	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	05/23/23 15:09	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	05/23/23 15:09	
Fluorene	mg/kg	0.012 U	0.037	0.012	05/23/23 15:09	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	05/23/23 15:09	
Naphthalene	mg/kg	0.012 U	0.035	0.012	05/23/23 15:09	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	05/23/23 15:09	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	05/23/23 15:09	
2-Fluorobiphenyl (S)	%	74	29-101		05/23/23 15:09	
Nitrobenzene-d5 (S)	%	68	24-98		05/23/23 15:09	
p-Terphenyl-d14 (S)	%	88	29-112		05/23/23 15:09	

LABORATORY CONTROL SAMPLE: 5057680

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
1-Methylnaphthalene	mg/kg	1.7	1.2	72	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.2	73	37-115	
Acenaphthene	mg/kg	1.7	1.1	69	30-127	
Acenaphthylene	mg/kg	1.7	1.1	68	29-129	
Anthracene	mg/kg	1.7	1.3	80	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	81	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.4	85	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.3	80	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.4	87	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.5	89	39-133	
Chrysene	mg/kg	1.7	1.4	82	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	84	37-127	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5057680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	mg/kg	1.7	1.4	83	39-130	
Fluorene	mg/kg	1.7	1.3	76	35-125	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	84	35-133	
Naphthalene	mg/kg	1.7	1.1	68	36-115	
Phenanthrene	mg/kg	1.7	1.3	79	35-128	
Pyrene	mg/kg	1.7	1.4	83	37-132	
2-Fluorobiphenyl (S)	%			68	29-101	
Nitrobenzene-d5 (S)	%			60	24-98	
p-Terphenyl-d14 (S)	%			86	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5057727                    5057728

Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35800552025	Result	Spike Conc.	Spike Conc.								
1-Methylnaphthalene	mg/kg	0.0061	U	1.9	1.9	1.3	1.2	68	68	38-115	1	40	
2-Methylnaphthalene	mg/kg	0.0058	U	1.9	1.9	1.3	1.3	69	69	37-115	1	40	
Acenaphthene	mg/kg	0.018	U	1.9	1.9	1.2	1.2	67	67	30-127	0	40	
Acenaphthylene	mg/kg	0.0058	U	1.9	1.9	1.2	1.2	67	67	29-129	1	40	
Anthracene	mg/kg	0.0051	U	1.9	1.9	1.4	1.3	73	73	37-126	1	40	
Benzo(a)anthracene	mg/kg	0.0049	U	1.9	1.9	1.4	1.4	77	76	37-130	2	40	
Benzo(a)pyrene	mg/kg	0.0092	U	1.9	1.9	1.4	1.4	79	79	39-128	0	40	
Benzo(b)fluoranthene	mg/kg	0.0099	U	1.9	1.9	1.4	1.3	74	74	38-128	2	40	
Benzo(g,h,i)perylene	mg/kg	0.0093	U	1.9	1.9	1.5	1.6	83	85	34-136	1	40	
Benzo(k)fluoranthene	mg/kg	0.0099	U	1.9	1.9	1.5	1.5	80	81	39-133	0	40	
Chrysene	mg/kg	0.0049	U	1.9	1.9	1.4	1.4	77	76	39-125	2	40	
Dibenz(a,h)anthracene	mg/kg	0.0086	U	1.9	1.9	1.5	1.5	81	81	37-127	0	40	
Fluoranthene	mg/kg	0.012	U	1.9	1.9	1.4	1.4	76	76	39-130	1	40	
Fluorene	mg/kg	0.013	U	1.9	1.9	1.3	1.3	73	71	35-125	3	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0085	U	1.9	1.9	1.5	1.5	81	81	35-133	0	40	
Naphthalene	mg/kg	0.013	U	1.9	1.9	1.2	1.2	65	64	36-115	2	40	
Phenanthrene	mg/kg	0.0053	U	1.9	1.9	1.4	1.4	74	74	35-128	1	40	
Pyrene	mg/kg	0.0049	U	1.9	1.9	1.4	1.4	78	78	37-132	0	40	
2-Fluorobiphenyl (S)	%									66	67	29-101	
Nitrobenzene-d5 (S)	%									56	56	24-98	
p-Terphenyl-d14 (S)	%									80	80	29-112	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	920272	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: 35800552004

METHOD BLANK: 5060293 Matrix: Solid

Associated Lab Samples: 35800552004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	05/25/23 09:27	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	05/25/23 09:27	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	05/25/23 09:27	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	05/25/23 09:27	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	05/25/23 09:27	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	05/25/23 09:27	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	05/25/23 09:27	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/25/23 09:27	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	05/25/23 09:27	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/25/23 09:27	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	05/25/23 09:27	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	05/25/23 09:27	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	05/25/23 09:27	
Fluorene	mg/kg	0.012 U	0.037	0.012	05/25/23 09:27	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	05/25/23 09:27	
Naphthalene	mg/kg	0.012 U	0.035	0.012	05/25/23 09:27	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	05/25/23 09:27	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	05/25/23 09:27	
2-Fluorobiphenyl (S)	%	74	29-101		05/25/23 09:27	
Nitrobenzene-d5 (S)	%	67	24-98		05/25/23 09:27	
p-Terphenyl-d14 (S)	%	92	29-112		05/25/23 09:27	

LABORATORY CONTROL SAMPLE: 5060294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.2	71	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.2	70	37-115	
Acenaphthene	mg/kg	1.7	1.1	68	30-127	
Acenaphthylene	mg/kg	1.7	1.1	68	29-129	
Anthracene	mg/kg	1.7	1.3	79	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	81	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.4	85	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.4	82	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.4	85	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.4	84	39-133	
Chrysene	mg/kg	1.7	1.4	83	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	83	37-127	
Fluoranthene	mg/kg	1.7	1.4	83	39-130	
Fluorene	mg/kg	1.7	1.2	74	35-125	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

LABORATORY CONTROL SAMPLE: 5060294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.3	77	35-133	
Naphthalene	mg/kg	1.7	1.1	67	36-115	
Phenanthrene	mg/kg	1.7	1.3	76	35-128	
Pyrene	mg/kg	1.7	1.3	79	37-132	
2-Fluorobiphenyl (S)	%			72	29-101	
Nitrobenzene-d5 (S)	%			62	24-98	
p-Terphenyl-d14 (S)	%			89	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5060689 5060690

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		
		35801348002	Spike Result	Spike Conc.	MS Result				RPD	RPD	Qual
1-Methylnaphthalene	mg/kg	0.0057	U	1.7	1.7	0.76	0.92	45	54	38-115	20 40
2-Methylnaphthalene	mg/kg	0.0054	U	1.7	1.7	0.76	0.93	45	55	37-115	20 40
Acenaphthene	mg/kg	0.016	U	1.7	1.7	0.78	0.90	46	53	30-127	15 40
Acenaphthylene	mg/kg	0.0054	U	1.7	1.7	0.76	0.91	45	54	29-129	17 40
Anthracene	mg/kg	0.0047	U	1.7	1.7	1.1	1.1	68	65	37-126	4 40
Benzo(a)anthracene	mg/kg	0.0046	U	1.7	1.7	1.3	1.2	75	70	37-130	7 40
Benzo(a)pyrene	mg/kg	0.0085	U	1.7	1.7	1.3	1.3	79	74	39-128	6 40
Benzo(b)fluoranthene	mg/kg	0.0092	U	1.7	1.7	1.2	1.2	74	73	38-128	1 40
Benzo(g,h,i)perylene	mg/kg	0.0086	U	1.7	1.7	1.3	1.3	79	74	34-136	6 40
Benzo(k)fluoranthene	mg/kg	0.0092	U	1.7	1.7	1.4	1.2	83	74	39-133	11 40
Chrysene	mg/kg	0.0046	U	1.7	1.7	1.3	1.2	77	72	39-125	6 40
Dibenz(a,h)anthracene	mg/kg	0.0079	U	1.7	1.7	1.3	1.2	78	73	37-127	6 40
Fluoranthene	mg/kg	0.011	U	1.7	1.7	1.3	1.2	74	70	39-130	6 40
Fluorene	mg/kg	0.012	U	1.7	1.7	0.92	0.99	54	59	35-125	8 40
Indeno(1,2,3-cd)pyrene	mg/kg	0.0078	U	1.7	1.7	1.2	1.1	72	68	35-133	6 40
Naphthalene	mg/kg	0.012	U	1.7	1.7	0.73	0.90	43	53	36-115	21 40
Phenanthrene	mg/kg	0.0049	U	1.7	1.7	1.1	1.0	63	62	35-128	2 40
Pyrene	mg/kg	0.0046	U	1.7	1.7	1.2	1.1	71	68	37-132	5 40
2-Fluorobiphenyl (S)	%							48	61	29-101	
Nitrobenzene-d5 (S)	%							41	52	24-98	
p-Terphenyl-d14 (S)	%							84	82	29-112	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919391

Analysis Method: FL-PRO

QC Batch Method: EPA 3546

Analysis Description: FL-PRO Soil

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014,  
35800552015

METHOD BLANK: 5056975

Matrix: Solid

Associated Lab Samples: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005, 35800552006, 35800552007,  
35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014,  
35800552015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	5.9	5.1	05/20/23 17:18	
N-Pentatriacontane (S)	%	65	42-159		05/20/23 17:18	
o-Terphenyl (S)	%	91	66-136		05/20/23 17:18	

LABORATORY CONTROL SAMPLE: 5056976

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	199	193	97	65-119	
N-Pentatriacontane (S)	%			71	42-159	
o-Terphenyl (S)	%			102	66-136	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057060                    5057061

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD % Rec	MS % Rec	% Rec Limits	Max RPD	Max RPD	Max Qual
Petroleum Range Organics	mg/kg	6.0 U	230	234	205	250	88	106	39-181	20	25	
N-Pentatriacontane (S)	%						66	79	42-159			
o-Terphenyl (S)	%						88	108	66-136			

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch:	919636	Analysis Method:	FL-PRO
QC Batch Method:	EPA 3546	Analysis Description:	FL-PRO Soil
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023		

METHOD BLANK: 5057619                                  Matrix: Solid

Associated Lab Samples: 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023

Parameter	Units	Blank	Reporting		MDL	Analyzed	Qualifiers
		Result	Limit				
Petroleum Range Organics	mg/kg	5.1 U		6.0	5.1	05/22/23 18:37	
N-Pentatriacontane (S)	%	84		42-159		05/22/23 18:37	
o-Terphenyl (S)	%	84		66-136		05/22/23 18:37	

LABORATORY CONTROL SAMPLE: 5057620

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
Petroleum Range Organics	mg/kg	200	183	92	65-119	
N-Pentatriacontane (S)	%			95	42-159	
o-Terphenyl (S)	%			94	66-136	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057658                                  5057659

Parameter	Units	MS	MSD	MS	MSD	% Rec	MSD	% Rec	% Rec	RPD	Max
		35799470001	Spike	Spike	Result	Result	Result	Result	Limits	RPD	Qual
Petroleum Range Organics	mg/kg	5.3 U	208	208	179	188	85	90	39-181	5	25
N-Pentatriacontane (S)	%						84	177	42-159		J(S0)
o-Terphenyl (S)	%						96	205	66-136		J(S0)

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919637 Analysis Method: FL-PRO

QC Batch Method: EPA 3546 Analysis Description: FL-PRO Soil

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030,  
35800552031, 35800552032, 35800552033

METHOD BLANK: 5057621 Matrix: Solid

Associated Lab Samples: 35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030,  
35800552031, 35800552032, 35800552033

Parameter	Units	Blank		Reporting		MDL	Analyzed	Qualifiers
		Result	Limit					
Petroleum Range Organics	mg/kg	5.1	U	6.0		5.1	05/22/23 18:51	
N-Pentatriacontane (S)	%	83		42-159			05/22/23 18:51	
o-Terphenyl (S)	%	93		66-136			05/22/23 18:51	

LABORATORY CONTROL SAMPLE: 5057622

Parameter	Units	Spike		LCS		% Rec	Limits	Qualifiers
		Conc.	Result	Result	% Rec			
Petroleum Range Organics	mg/kg	199		154		77	65-119	
N-Pentatriacontane (S)	%					73	42-159	
o-Terphenyl (S)	%					79	66-136	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057660 5057661

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec	Limits	RPD	Max RPD	Qual
		35800552025	Result	Spike Conc.	Spike Conc.							
Petroleum Range Organics	mg/kg	34.4	221	220	193	211	72	80	39-181	9	25	
N-Pentatriacontane (S)	%						74	84	42-159			
o-Terphenyl (S)	%						75	88	66-136			

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919242 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: 35800552001, 35800552002, 35800552003, 35800552004, 35800552005

SAMPLE DUPLICATE: 5055774

Parameter	Units	35799308017 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	76.4	76.1	0	10	

SAMPLE DUPLICATE: 5055775

Parameter	Units	35800369001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.8	6.5	4	10	

SAMPLE DUPLICATE: 5055776

Parameter	Units	35800369011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	1.2	1.3	6	10	

SAMPLE DUPLICATE: 5055777

Parameter	Units	35800369021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.0	6.7	4	10	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

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QC Batch:	919660	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:	35800552007, 35800552008, 35800552009, 35800552010, 35800552011, 35800552012, 35800552013, 35800552014, 35800552015, 35800552016, 35800552017, 35800552018, 35800552019, 35800552020, 35800552021, 35800552022, 35800552023, 35800552024, 35800552025, 35800552026, 35800552027, 35800552028, 35800552029, 35800552030, 35800552031		

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SAMPLE DUPLICATE: 5057687

Parameter	Units	35798403108 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.8	2.6	5	10	

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SAMPLE DUPLICATE: 5057688

Parameter	Units	35800552016 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.1	18.3	1	10	

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SAMPLE DUPLICATE: 5057689

Parameter	Units	35800552026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	18.1	1	10	

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SAMPLE DUPLICATE: 5057690

Parameter	Units	35800709002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.0	13.1	0	10	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800552

QC Batch: 919672 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: 35800552006

SAMPLE DUPLICATE: 5057718

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.7	7.7	1	10	

SAMPLE DUPLICATE: 5057719

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	31.0	30.4	2	10	

SAMPLE DUPLICATE: 5057720

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	16.3	7	10	

SAMPLE DUPLICATE: 5057721

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	11.4	9	10	

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## QUALIFIERS

Project: Lena Road Parcel 103  
 Pace Project No.: 35800552

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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.
- 1p     Sample does not meet method 5035 criteria due to previously spent vials. Sample analyzed from soil jar after 48 hours from collection.
- C2     Relative percent difference between results from each column was greater than 40%. The lower of the two results was reported.
- D3     Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- J(CL)   Estimated value. The continuing calibration for this compound is outside of method acceptance limits. The results may be biased low.
- J(CU)   The continuing calibration for this compound is above method acceptance limits. Analyte presence is not detected in associated samples. Results unaffected by high bias.
- 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(S0)   Estimated Value. Surrogate recovery outside laboratory 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.
- J(v2)   The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3)   The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
- MS      Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

## REPORT OF LABORATORY ANALYSIS

## QUALIFIERS

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

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### ANALYTE QUALIFIERS

- P1 Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Lena Road Parcel 103  
Pace Project No.: 35800552

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800552001	SB-1 (0-0.5)	EPA 3546	919051	EPA 8081	920096
35800552002	SB-1 (0.5-2)	EPA 3546	919051	EPA 8081	920096
35800552003	SB-1 (2-3)	EPA 3546	919051	EPA 8081	920096
35800552004	SB-2 (0-0.5)	EPA 3546	919051	EPA 8081	920096
35800552005	SB-2 (0.5-2)	EPA 3546	919051	EPA 8081	920096
35800552006	SB-3 (0-0.5)	EPA 3546	919051	EPA 8081	920096
35800552007	SB-3 (0.5-2)	EPA 3546	919051	EPA 8081	920096
35800552008	SB-4 (0-0.5)	EPA 3546	919051	EPA 8081	920096
35800552009	SB-4 (0.5-2)	EPA 3546	919051	EPA 8081	920096
35800552010	SB-5 (0-0.5)	EPA 3546	919051	EPA 8081	920096
35800552011	SB-5 (0.5-2)	EPA 3546	919051	EPA 8081	920096
35800552012	SB-8 (0-0.5)	EPA 3546	919051	EPA 8081	920096
35800552013	SB-8 (0.5-2)	EPA 3546	919277	EPA 8081	919678
35800552014	SB-6 (0-0.5)	EPA 3546	919277	EPA 8081	919678
35800552015	SB-7 (0-0.5)	EPA 3546	919277	EPA 8081	919678
35800552016	SB-7 (0.5-2)	EPA 3546	919277	EPA 8081	919678
35800552017	SB-10 (0-0.5)	EPA 3546	919277	EPA 8081	919678
35800552018	SB-10 (0.5-2)	EPA 3546	919277	EPA 8081	919678
35800552019	SB-11 (0-0.5)	EPA 3546	919277	EPA 8081	919678
35800552020	SB-11 (0.5-2)	EPA 3546	919277	EPA 8081	919678
35800552021	SB-11 (2-3)	EPA 3546	919277	EPA 8081	919678
35800552022	SB-14 (0-0.5)	EPA 3546	919277	EPA 8081	919678
35800552023	SB-14 (0.5-2)	EPA 3546	919277	EPA 8081	919678
35800552024	SB-14 (2-3.5)	EPA 3546	919277	EPA 8081	919678
35800552025	SB-17 (0-0.5)	EPA 3546	919277	EPA 8081	919678
35800552026	SB-17 (0.5-2)	EPA 3546	921941	EPA 8081	922048
35800552027	SB-17 (2-3)	EPA 3546	919334	EPA 8081	919682
35800552028	SB-15 (0-0.5)	EPA 3546	919334	EPA 8081	919682
35800552029	SB-15 (0.5-2)	EPA 3546	919334	EPA 8081	919682
35800552030	SB-15 (2-3.5)	EPA 3546	919334	EPA 8081	919682
35800552031	SB-13 (0-0.5)	EPA 3546	919334	EPA 8081	919682
35800552032	SB-13 (0.5-2)	EPA 3546	919334	EPA 8081	919682
35800552033	SB-13 (2-2.5)	EPA 3546	919334	EPA 8081	919682
35800552001	SB-1 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552002	SB-1 (0.5-2)	EPA 3546	919391	FL-PRO	919470
35800552003	SB-1 (2-3)	EPA 3546	919391	FL-PRO	919470
35800552004	SB-2 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552005	SB-2 (0.5-2)	EPA 3546	919391	FL-PRO	919470
35800552006	SB-3 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552007	SB-3 (0.5-2)	EPA 3546	919391	FL-PRO	919470
35800552008	SB-4 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552009	SB-4 (0.5-2)	EPA 3546	919391	FL-PRO	919470
35800552010	SB-5 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552011	SB-5 (0.5-2)	EPA 3546	919391	FL-PRO	919470
35800552012	SB-8 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552013	SB-8 (0.5-2)	EPA 3546	919391	FL-PRO	919470
35800552014	SB-6 (0-0.5)	EPA 3546	919391	FL-PRO	919470

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Lena Road Parcel 103  
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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800552015	SB-7 (0-0.5)	EPA 3546	919391	FL-PRO	919470
35800552016	SB-7 (0.5-2)	EPA 3546	919636	FL-PRO	919806
35800552017	SB-10 (0-0.5)	EPA 3546	919636	FL-PRO	919806
35800552018	SB-10 (0.5-2)	EPA 3546	919636	FL-PRO	919806
35800552019	SB-11 (0-0.5)	EPA 3546	919636	FL-PRO	919806
35800552020	SB-11 (0.5-2)	EPA 3546	919636	FL-PRO	919806
35800552021	SB-11 (2-3)	EPA 3546	919636	FL-PRO	919806
35800552022	SB-14 (0-0.5)	EPA 3546	919636	FL-PRO	919806
35800552023	SB-14 (0.5-2)	EPA 3546	919636	FL-PRO	919806
35800552024	SB-14 (2-3.5)	EPA 3546	919637	FL-PRO	919807
35800552025	SB-17 (0-0.5)	EPA 3546	919637	FL-PRO	919807
35800552026	SB-17 (0.5-2)	EPA 3546	919637	FL-PRO	919807
35800552027	SB-17 (2-3)	EPA 3546	919637	FL-PRO	919807
35800552028	SB-15 (0-0.5)	EPA 3546	919637	FL-PRO	919807
35800552029	SB-15 (0.5-2)	EPA 3546	919637	FL-PRO	919807
35800552030	SB-15 (2-3.5)	EPA 3546	919637	FL-PRO	919807
35800552031	SB-13 (0-0.5)	EPA 3546	919637	FL-PRO	919807
35800552032	SB-13 (0.5-2)	EPA 3546	919637	FL-PRO	919807
35800552033	SB-13 (2-2.5)	EPA 3546	919637	FL-PRO	919807
35800552001	SB-1 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552002	SB-1 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552003	SB-1 (2-3)	EPA 3050	919424	EPA 6010	919483
35800552004	SB-2 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552005	SB-2 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552006	SB-3 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552007	SB-3 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552008	SB-4 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552009	SB-4 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552010	SB-5 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552011	SB-5 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552012	SB-8 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552013	SB-8 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552014	SB-6 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552015	SB-7 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552016	SB-7 (0.5-2)	EPA 3050	919424	EPA 6010	919483
35800552017	SB-10 (0-0.5)	EPA 3050	919424	EPA 6010	919483
35800552018	SB-10 (0.5-2)	EPA 3050	919439	EPA 6010	919492
35800552019	SB-11 (0-0.5)	EPA 3050	919439	EPA 6010	919492
35800552020	SB-11 (0.5-2)	EPA 3050	919439	EPA 6010	919492
35800552021	SB-11 (2-3)	EPA 3050	919439	EPA 6010	919492
35800552022	SB-14 (0-0.5)	EPA 3050	919439	EPA 6010	919492
35800552023	SB-14 (0.5-2)	EPA 3050	919439	EPA 6010	919492
35800552024	SB-14 (2-3.5)	EPA 3050	919439	EPA 6010	919492
35800552025	SB-17 (0-0.5)	EPA 3050	919439	EPA 6010	919492
35800552026	SB-17 (0.5-2)	EPA 3050	919439	EPA 6010	919492
35800552027	SB-17 (2-3)	EPA 3050	919439	EPA 6010	919492
35800552028	SB-15 (0-0.5)	EPA 3050	919439	EPA 6010	919492

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800552029	SB-15 (0.5-2)	EPA 3050	919439	EPA 6010	919492
35800552030	SB-15 (2-3.5)	EPA 3050	919439	EPA 6010	919492
35800552031	SB-13 (0-0.5)	EPA 3050	919439	EPA 6010	919492
35800552032	SB-13 (0.5-2)	EPA 3050	919439	EPA 6010	919492
35800552033	SB-13 (2-2.5)	EPA 3050	919406	EPA 6010	919467
35800552001	SB-1 (0-0.5)	EPA 7471	919061	EPA 7471	919122
35800552002	SB-1 (0.5-2)	EPA 7471	919061	EPA 7471	919122
35800552003	SB-1 (2-3)	EPA 7471	919061	EPA 7471	919122
35800552004	SB-2 (0-0.5)	EPA 7471	919061	EPA 7471	919122
35800552005	SB-2 (0.5-2)	EPA 7471	919061	EPA 7471	919122
35800552006	SB-3 (0-0.5)	EPA 7471	919061	EPA 7471	919122
35800552007	SB-3 (0.5-2)	EPA 7471	919061	EPA 7471	919122
35800552008	SB-4 (0-0.5)	EPA 7471	919061	EPA 7471	919122
35800552009	SB-4 (0.5-2)	EPA 7471	919061	EPA 7471	919122
35800552010	SB-5 (0-0.5)	EPA 7471	919061	EPA 7471	919122
35800552011	SB-5 (0.5-2)	EPA 7471	919061	EPA 7471	919122
35800552012	SB-8 (0-0.5)	EPA 7471	919061	EPA 7471	919122
35800552013	SB-8 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552014	SB-6 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552015	SB-7 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552016	SB-7 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552017	SB-10 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552018	SB-10 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552019	SB-11 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552020	SB-11 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552021	SB-11 (2-3)	EPA 7471	919130	EPA 7471	919182
35800552022	SB-14 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552023	SB-14 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552024	SB-14 (2-3.5)	EPA 7471	919130	EPA 7471	919182
35800552025	SB-17 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552026	SB-17 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552027	SB-17 (2-3)	EPA 7471	919130	EPA 7471	919182
35800552028	SB-15 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552029	SB-15 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552030	SB-15 (2-3.5)	EPA 7471	919130	EPA 7471	919182
35800552031	SB-13 (0-0.5)	EPA 7471	919130	EPA 7471	919182
35800552032	SB-13 (0.5-2)	EPA 7471	919130	EPA 7471	919182
35800552033	SB-13 (2-2.5)	EPA 7471	919739	EPA 7471	919764
35800552001	SB-1 (0-0.5)	EPA 3546	919333	EPA 8270	919659
35800552002	SB-1 (0.5-2)	EPA 3546	919333	EPA 8270	919659
35800552003	SB-1 (2-3)	EPA 3546	919333	EPA 8270	919659
35800552004	SB-2 (0-0.5)	EPA 3546	920272	EPA 8270	920535
35800552005	SB-2 (0.5-2)	EPA 3546	919333	EPA 8270	919659
35800552006	SB-3 (0-0.5)	EPA 3546	919333	EPA 8270	919659
35800552007	SB-3 (0.5-2)	EPA 3546	919654	EPA 8270	919749

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Lena Road Parcel 103  
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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800552008	SB-4 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552009	SB-4 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552010	SB-5 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552011	SB-5 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552012	SB-8 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552013	SB-8 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552014	SB-6 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552015	SB-7 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552016	SB-7 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552017	SB-10 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552018	SB-10 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552019	SB-11 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552020	SB-11 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552021	SB-11 (2-3)	EPA 3546	919654	EPA 8270	919749
35800552022	SB-14 (0-0.5)	EPA 3546	919654	EPA 8270	919749
35800552023	SB-14 (0.5-2)	EPA 3546	919654	EPA 8270	919749
35800552024	SB-14 (2-3.5)	EPA 3546	919655	EPA 8270	920148
35800552025	SB-17 (0-0.5)	EPA 3546	919655	EPA 8270	920148
35800552026	SB-17 (0.5-2)	EPA 3546	919655	EPA 8270	920148
35800552027	SB-17 (2-3)	EPA 3546	919655	EPA 8270	920148
35800552028	SB-15 (0-0.5)	EPA 3546	919655	EPA 8270	920148
35800552029	SB-15 (0.5-2)	EPA 3546	919655	EPA 8270	920148
35800552030	SB-15 (2-3.5)	EPA 3546	919655	EPA 8270	920148
35800552031	SB-13 (0-0.5)	EPA 3546	919655	EPA 8270	920148
35800552032	SB-13 (0.5-2)	EPA 3546	919655	EPA 8270	920148
35800552033	SB-13 (2-2.5)	EPA 3546	919655	EPA 8270	920148
35800552001	SB-1 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552002	SB-1 (0.5-2)	EPA 5035	919615	EPA 8260	919628
35800552003	SB-1 (2-3)	EPA 5035	919615	EPA 8260	919628
35800552004	SB-2 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552005	SB-2 (0.5-2)	EPA 5035	919615	EPA 8260	919628
35800552006	SB-3 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552007	SB-3 (0.5-2)	EPA 5035	919615	EPA 8260	919628
35800552008	SB-4 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552009	SB-4 (0.5-2)	EPA 5035	919615	EPA 8260	919628
35800552010	SB-5 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552011	SB-5 (0.5-2)	EPA 5035	919615	EPA 8260	919628
35800552012	SB-8 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552013	SB-8 (0.5-2)	EPA 5035	919615	EPA 8260	919628
35800552014	SB-6 (0-0.5)	EPA 5035	919615	EPA 8260	919628
35800552015	SB-7 (0-0.5)	EPA 5035	919679	EPA 8260	919697
35800552016	SB-7 (0.5-2)	EPA 5035	919679	EPA 8260	919697
35800552017	SB-10 (0-0.5)	EPA 5035	919679	EPA 8260	919697
35800552018	SB-10 (0.5-2)	EPA 5035	919679	EPA 8260	919697
35800552019	SB-11 (0-0.5)	EPA 5035	919679	EPA 8260	919697
35800552020	SB-11 (0.5-2)	EPA 5035	919679	EPA 8260	919697
35800552021	SB-11 (2-3)	EPA 5035	920248	EPA 8260	920284

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800552022	SB-14 (0-0.5)	EPA 5035	919679	EPA 8260	919697
35800552023	SB-14 (0.5-2)	EPA 5035	919679	EPA 8260	919697
35800552024	SB-14 (2-3.5)	EPA 5035	919679	EPA 8260	919697
35800552025	SB-17 (0-0.5)	EPA 5035	919679	EPA 8260	919697
35800552026	SB-17 (0.5-2)	EPA 5035	919679	EPA 8260	919697
35800552027	SB-17 (2-3)	EPA 5035	920620	EPA 8260	920685
35800552028	SB-15 (0-0.5)	EPA 5035	919729	EPA 8260	919761
35800552029	SB-15 (0.5-2)	EPA 5035	919729	EPA 8260	919761
35800552030	SB-15 (2-3.5)	EPA 5035	919729	EPA 8260	919761
35800552031	SB-13 (0-0.5)	EPA 5035	919729	EPA 8260	919761
35800552032	SB-13 (0.5-2)	EPA 5035	919729	EPA 8260	919761
35800552033	SB-13 (2-2.5)	EPA 5035	919729	EPA 8260	919761
35800552001	SB-1 (0-0.5)	ASTM D2974-87	919242		
35800552002	SB-1 (0.5-2)	ASTM D2974-87	919242		
35800552003	SB-1 (2-3)	ASTM D2974-87	919242		
35800552004	SB-2 (0-0.5)	ASTM D2974-87	919242		
35800552005	SB-2 (0.5-2)	ASTM D2974-87	919242		
35800552006	SB-3 (0-0.5)	ASTM D2974-87	919672		
35800552007	SB-3 (0.5-2)	ASTM D2974-87	919660		
35800552008	SB-4 (0-0.5)	ASTM D2974-87	919660		
35800552009	SB-4 (0.5-2)	ASTM D2974-87	919660		
35800552010	SB-5 (0-0.5)	ASTM D2974-87	919660		
35800552011	SB-5 (0.5-2)	ASTM D2974-87	919660		
35800552012	SB-8 (0-0.5)	ASTM D2974-87	919660		
35800552013	SB-8 (0.5-2)	ASTM D2974-87	919660		
35800552014	SB-6 (0-0.5)	ASTM D2974-87	919660		
35800552015	SB-7 (0-0.5)	ASTM D2974-87	919660		
35800552016	SB-7 (0.5-2)	ASTM D2974-87	919660		
35800552017	SB-10 (0-0.5)	ASTM D2974-87	919660		
35800552018	SB-10 (0.5-2)	ASTM D2974-87	919660		
35800552019	SB-11 (0-0.5)	ASTM D2974-87	919660		
35800552020	SB-11 (0.5-2)	ASTM D2974-87	919660		
35800552021	SB-11 (2-3)	ASTM D2974-87	919660		
35800552022	SB-14 (0-0.5)	ASTM D2974-87	919660		
35800552023	SB-14 (0.5-2)	ASTM D2974-87	919660		
35800552024	SB-14 (2-3.5)	ASTM D2974-87	919660		
35800552025	SB-17 (0-0.5)	ASTM D2974-87	919660		
35800552026	SB-17 (0.5-2)	ASTM D2974-87	919660		
35800552027	SB-17 (2-3)	ASTM D2974-87	919660		
35800552028	SB-15 (0-0.5)	ASTM D2974-87	919660		
35800552029	SB-15 (0.5-2)	ASTM D2974-87	919660		
35800552030	SB-15 (2-3.5)	ASTM D2974-87	919660		
35800552031	SB-13 (0-0.5)	ASTM D2974-87	919660		
35800552032	SB-13 (0.5-2)	ASTM D2974-87	919660		
35800552033	SB-13 (2-2.5)	ASTM D2974-87	919660		

**REPORT OF LABORATORY ANALYSIS**

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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

Section B

Section C

## Required Project Information:



## CHAIN-OF-CUSTODY / Analytical Request Document

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: Kimley-Horn & Assoc. - Tampa  
Address: 201 N Franklin Street  
Suite 1400, Tampa, FL 33602  
Email: logan.bridges@kimley-horn.com  
Phone: (809)650-3139 Fax: Requested Due Date: Standard TAT

#### Section B

#### Required Project Information:

Report To: Logan Bridges Attention:  
Copy To: Purchase Order #: Project Name: Lena Road Parcel 103  
Pace Project Manager: lori.palmer@pacelabs.com, Pace Profile #: 16096-14  
Project #: FL

#### Section C

#### Invoice Information:

Company Name: Address: Pace Quote:  
Pace Project Manager: lori.palmer@pacelabs.com, Pace Profile #: 16096-14

Page: 3 Of 3

Regulatory Agency: State / Location:

ITEM #	SAMPLE ID	SAMPLE TEMP AT COLLECTION				# OF CONTAINERS	Analyses Test	Requested Analysis Filtered (Y/N)
		COLLECTED	START	END	PRESERVATIVES			
1	SB-17 (0 - 0.5)	516 5/17/23 1429			3 X			
2	(0.5-2)	1433			X X X			
3	(2 - 3)	1437			X X X			
4	SB-15 (0 - 0.5)	1504			X X X			
5	(0.5-2)	1513			X X X			
6	(2 - 3.5)	1517			X X X			
7	SB-13 (0 - 0.5)	1519			X X X			
8	(0.5-2)	1533			X X X			
9	(2 - 1.5)	1557			X X X			
10								
11								
12								
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		
Bottle Kit		Leatha Shaffer	Pace	05/12/23	13:27	<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/12/23 1:27</i>
		<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/17/23</i>	<i>10:00</i>	<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/17/23 10:00</i>
		<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/18/23</i>	<i>11:27</i>	<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/18/23 11:27</i>
		<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/18/23</i>	<i>19:00</i>	<i>Logan Bridges</i>	<i>JK HA</i>	<i>5/18/23 19:00</i>
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER:		DATE	TIME	SAMPLE CONDITIONS		
		<i>Logan Bridges</i>						
SIGNATURE of SAMPLER:				DATE Signed:				



Pace

Date and Initials of person:

Examining contents: \_\_\_\_\_

Label: \_\_\_\_\_

Deliver: \_\_\_\_\_

pH: \_\_\_\_\_

Initials: DS

Sample Condition Upon Receipt Form (SCUR)

WO# : 35800552

Project #

PM: LAP Due Date: 05/25/23

Project Manager:

CLIENT: 37-KIHOTA

Client:

Thermometer Used: T-202

Date: 5-18-23

Time: 1127

Initials: DS

FL

State of Origin: \_\_\_\_\_

For WV projects, all containers verified to ≤ 6 °C

Cooler #1 Temp. °C 5.3 (Visual) +0.2 (Correction Factor) 5.5 (Actual)

Samples on ice, cooling process has begun.

Cooler #2 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.

Cooler #3 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.

Cooler #4 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.

Cooler #5 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.

Cooler #6 Temp. °C \_\_\_\_\_ (Visual) \_\_\_\_\_ (Correction Factor) \_\_\_\_\_ (Actual)

Samples on ice, cooling process has begun.

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

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

Courier:  FedEx  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 type="checkbox"/> Yes <input type="checkbox"/> No   Filled Out: <input type="checkbox"/> Yes <input 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 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 type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:			
Rush Turnaround Requested on COC.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:			
Sufficient Volume.	<input 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	Preservation Information			
All containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservative:	Date:		
Headspace in Volatile Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Lot / Trace:	Time:		
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Amount added (mL):	Initials:		

Comments / Resolutions (use back for additional comments):

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June 01, 2023

Logan Bridges  
Kimley-Horn  
201 N Franklin Street  
Suite 1400  
Tampa, FL 33602

RE: Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Dear Logan Bridges:

Enclosed are the analytical results for sample(s) received by the laboratory on May 19, 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,



Lori Palmer  
lori.palmer@pacelabs.com  
813-855-1844  
Project Manager

Enclosures

cc: Jamin Frommel, Kimley-Horn  
William Spinner, Kimley-Horn & Associates Inc



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

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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  
DoD-ANAB #:ADE-3199  
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: Lena Road Parcel 103  
Pace Project No.: 35800857

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35800857001	<b>SB-12 (0-0.5)</b>	Solid	05/18/23 09:52	05/19/23 12:04
35800857002	<b>SB-12 (0.5-2)</b>	Solid	05/18/23 09:56	05/19/23 12:04
35800857003	<b>SB-12 (2-3.5)</b>	Solid	05/18/23 10:00	05/19/23 12:04
35800857004	<b>SB-9 (0-0.5)</b>	Solid	05/18/23 10:56	05/19/23 12:04
35800857005	<b>SB-9 (0.5-2)</b>	Solid	05/18/23 11:00	05/19/23 12:04
35800857006	<b>SB-16 (0-0.5)</b>	Solid	05/18/23 11:20	05/19/23 12:04
35800857007	<b>SB-16 (0.5-2)</b>	Solid	05/18/23 11:24	05/19/23 12:04
35800857008	<b>SB-16 (2-3)</b>	Solid	05/18/23 11:28	05/19/23 12:04

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800857001	SB-12 (0-0.5)	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800857002	SB-12 (0.5-2)	EPA 8081	CB1	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800857003	SB-12 (2-3.5)	EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800857004	SB-9 (0-0.5)	EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800857005	SB-9 (0.5-2)	EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
35800857006	SB-16 (0-0.5)	EPA 8081	BLM	22
		FL-PRO	NCB1	3

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
 Pace Project No.: 35800857

Lab ID	Sample ID	Method	Analysts	Analytes Reported
35800857007	<b>SB-16 (0.5-2)</b>	EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
35800857008	<b>SB-16 (2-3)</b>	EPA 8260	AS4	46
		ASTM D2974-87	BMA	1
		EPA 8081	BLM	22
		FL-PRO	NCB1	3
		EPA 6010	KPP	12
		EPA 7471	JNK	1
		EPA 8270	WWW	21
		EPA 8260	AS4	46
		ASTM D2974-87	BMA	1

PASI-O = Pace Analytical Services - Ormond Beach

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (0-0.5) Lab ID: 35800857001 Collected: 05/18/23 09:52 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00040</b> U	mg/kg	0.0040	0.00040	2	05/20/23 16:20	05/26/23 13:21	309-00-2	ED
alpha-BHC	<b>0.00022</b> U	mg/kg	0.0040	0.00022	2	05/20/23 16:20	05/26/23 13:21	319-84-6	ED
beta-BHC	<b>0.00049</b> U	mg/kg	0.0040	0.00049	2	05/20/23 16:20	05/26/23 13:21	319-85-7	ED
delta-BHC	<b>0.00021</b> U	mg/kg	0.0040	0.00021	2	05/20/23 16:20	05/26/23 13:21	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00012</b> U	mg/kg	0.0040	0.00012	2	05/20/23 16:20	05/26/23 13:21	58-89-9	ED
Chlordane (Technical)	<b>0.085</b>	mg/kg	0.040	0.012	2	05/20/23 16:20	05/26/23 13:21	57-74-9	ED
4,4'-DDD	<b>0.00018</b> U	mg/kg	0.0040	0.00018	2	05/20/23 16:20	05/26/23 13:21	72-54-8	ED
4,4'-DDE	<b>0.00016</b> U	mg/kg	0.0040	0.00016	2	05/20/23 16:20	05/26/23 13:21	72-55-9	ED
4,4'-DDT	<b>0.00024</b> U	mg/kg	0.0040	0.00024	2	05/20/23 16:20	05/26/23 13:21	50-29-3	ED, J(CL)
Dieldrin	<b>0.00015</b> U	mg/kg	0.0040	0.00015	2	05/20/23 16:20	05/26/23 13:21	60-57-1	ED
Endosulfan I	<b>0.00045</b> U	mg/kg	0.0040	0.00045	2	05/20/23 16:20	05/26/23 13:21	959-98-8	ED
Endosulfan II	<b>0.00018</b> U	mg/kg	0.0040	0.00018	2	05/20/23 16:20	05/26/23 13:21	33213-65-9	ED
Endosulfan sulfate	<b>0.00016</b> U	mg/kg	0.0040	0.00016	2	05/20/23 16:20	05/26/23 13:21	1031-07-8	ED
Endrin	<b>0.00025</b> U	mg/kg	0.0040	0.00025	2	05/20/23 16:20	05/26/23 13:21	72-20-8	ED
Endrin aldehyde	<b>0.00026</b> U	mg/kg	0.0081	0.00026	2	05/20/23 16:20	05/26/23 13:21	7421-93-4	ED
Endrin ketone	<b>0.00019</b> U	mg/kg	0.0040	0.00019	2	05/20/23 16:20	05/26/23 13:21	53494-70-5	ED
Heptachlor	<b>0.00043</b> U	mg/kg	0.0040	0.00043	2	05/20/23 16:20	05/26/23 13:21	76-44-8	ED
Heptachlor epoxide	<b>0.00017</b> U	mg/kg	0.0040	0.00017	2	05/20/23 16:20	05/26/23 13:21	1024-57-3	ED
Methoxychlor	<b>0.00060</b> U	mg/kg	0.0040	0.00060	2	05/20/23 16:20	05/26/23 13:21	72-43-5	ED, J(CL)
Toxaphene	<b>0.017</b> U	mg/kg	0.040	0.017	2	05/20/23 16:20	05/26/23 13:21	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	90	%	53-140		2	05/20/23 16:20	05/26/23 13:21	877-09-8	
Decachlorobiphenyl (S)	87	%	43-157		2	05/20/23 16:20	05/26/23 13:21	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>52.1</b>	mg/kg	7.1	6.1	1	05/22/23 15:48	05/24/23 12:12		
<b>Surrogates</b>									
o-Terphenyl (S)	80	%	66-136		1	05/22/23 15:48	05/24/23 12:12	84-15-1	
N-Pentatriacontane (S)	79	%	42-159		1	05/22/23 15:48	05/24/23 12:12	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.3</b> U	mg/kg	4.7	2.3	5	05/22/23 17:26	05/27/23 01:37	7440-36-0	D3
Arsenic	<b>3.4</b>	mg/kg	3.1	1.6	5	05/22/23 17:26	05/27/23 01:37	7440-38-2	
Beryllium	<b>0.13</b> I	mg/kg	0.31	0.055	5	05/22/23 17:26	05/27/23 01:37	7440-41-7	D3
Cadmium	<b>0.28</b> I	mg/kg	0.31	0.16	5	05/22/23 17:26	05/27/23 01:37	7440-43-9	D3
Chromium	<b>8.8</b>	mg/kg	1.6	0.78	5	05/22/23 17:26	05/27/23 01:37	7440-47-3	
Copper	<b>4.2</b>	mg/kg	1.6	0.78	5	05/22/23 17:26	05/27/23 01:37	7440-50-8	
Lead	<b>7.0</b>	mg/kg	3.1	1.6	5	05/22/23 17:26	05/27/23 01:37	7439-92-1	
Nickel	<b>6.0</b>	mg/kg	1.6	0.78	5	05/22/23 17:26	05/27/23 01:37	7440-02-0	
Selenium	<b>2.3</b> U	mg/kg	4.7	2.3	5	05/22/23 17:26	05/27/23 01:37	7782-49-2	D3
Silver	<b>0.34</b> U	mg/kg	1.6	0.34	5	05/22/23 17:26	05/27/23 01:37	7440-22-4	D3

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (0-0.5) Lab ID: 35800857001 Collected: 05/18/23 09:52 Received: 05/19/23 12:04 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								
Thallium	<b>2.1</b> U	mg/kg	4.7	2.1	5	05/22/23 17:26	05/27/23 01:37	7440-28-0	D3
Zinc	<b>25.0</b> I	mg/kg	31.3	11.3	5	05/22/23 17:26	05/27/23 01:37	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.032</b>	mg/kg	0.011	0.0056	1	05/22/23 12:46	05/25/23 10:01	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.019</b> U	mg/kg	0.043	0.019	1	05/22/23 09:57	05/24/23 00:24	83-32-9	
Acenaphthylene	<b>0.0063</b> U	mg/kg	0.040	0.0063	1	05/22/23 09:57	05/24/23 00:24	208-96-8	
Anthracene	<b>0.0054</b> U	mg/kg	0.043	0.0054	1	05/22/23 09:57	05/24/23 00:24	120-12-7	
Benzo(a)anthracene	<b>0.0053</b> U	mg/kg	0.040	0.0053	1	05/22/23 09:57	05/24/23 00:24	56-55-3	
Benzo(a)pyrene	<b>0.0099</b> U	mg/kg	0.040	0.0099	1	05/22/23 09:57	05/24/23 00:24	50-32-8	
Benzo(b)fluoranthene	<b>0.011</b> U	mg/kg	0.040	0.011	1	05/22/23 09:57	05/24/23 00:24	205-99-2	
Benzo(g,h,i)perylene	<b>0.010</b> U	mg/kg	0.040	0.010	1	05/22/23 09:57	05/24/23 00:24	191-24-2	
Benzo(k)fluoranthene	<b>0.011</b> U	mg/kg	0.040	0.011	1	05/22/23 09:57	05/24/23 00:24	207-08-9	
Chrysene	<b>0.0053</b> U	mg/kg	0.040	0.0053	1	05/22/23 09:57	05/24/23 00:24	218-01-9	
Dibenz(a,h)anthracene	<b>0.0092</b> U	mg/kg	0.040	0.0092	1	05/22/23 09:57	05/24/23 00:24	53-70-3	
Fluoranthene	<b>0.013</b> U	mg/kg	0.040	0.013	1	05/22/23 09:57	05/24/23 00:24	206-44-0	
Fluorene	<b>0.014</b> U	mg/kg	0.044	0.014	1	05/22/23 09:57	05/24/23 00:24	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0091</b> U	mg/kg	0.040	0.0091	1	05/22/23 09:57	05/24/23 00:24	193-39-5	
1-Methylnaphthalene	<b>0.0066</b> U	mg/kg	0.047	0.0066	1	05/22/23 09:57	05/24/23 00:24	90-12-0	
2-Methylnaphthalene	<b>0.0063</b> U	mg/kg	0.046	0.0063	1	05/22/23 09:57	05/24/23 00:24	91-57-6	
Naphthalene	<b>0.014</b> U	mg/kg	0.041	0.014	1	05/22/23 09:57	05/24/23 00:24	91-20-3	
Phenanthrene	<b>0.0057</b> U	mg/kg	0.040	0.0057	1	05/22/23 09:57	05/24/23 00:24	85-01-8	
Pyrene	<b>0.0053</b> U	mg/kg	0.040	0.0053	1	05/22/23 09:57	05/24/23 00:24	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	56	%	24-98		1	05/22/23 09:57	05/24/23 00:24	4165-60-0	
2-Fluorobiphenyl (S)	68	%	29-101		1	05/22/23 09:57	05/24/23 00:24	321-60-8	
p-Terphenyl-d14 (S)	71	%	29-112		1	05/22/23 09:57	05/24/23 00:24	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.014</b> I	mg/kg	0.065	0.012	1	05/22/23 08:02	05/23/23 04:47	67-64-1	
Benzene	<b>0.0013</b> U	mg/kg	0.0065	0.0013	1	05/22/23 08:02	05/23/23 04:47	71-43-2	
Bromochloromethane	<b>0.00096</b> U	mg/kg	0.0065	0.00096	1	05/22/23 08:02	05/23/23 04:47	74-97-5	
Bromodichloromethane	<b>0.0014</b> U	mg/kg	0.0065	0.0014	1	05/22/23 08:02	05/23/23 04:47	75-27-4	
Bromoform	<b>0.0014</b> U	mg/kg	0.0065	0.0014	1	05/22/23 08:02	05/23/23 04:47	75-25-2	
Bromomethane	<b>0.0023</b> U	mg/kg	0.0065	0.0023	1	05/22/23 08:02	05/23/23 04:47	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0065</b> U	mg/kg	0.065	0.0065	1	05/22/23 08:02	05/23/23 04:47	78-93-3	J(v2)
Carbon disulfide	<b>0.0033</b> U	mg/kg	0.0065	0.0033	1	05/22/23 08:02	05/23/23 04:47	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0016</b> U	mg/kg	0.0065	0.0016	1	05/22/23 08:02	05/23/23 04:47	56-23-5	
Chlorobenzene	<b>0.0012</b> U	mg/kg	0.0065	0.0012	1	05/22/23 08:02	05/23/23 04:47	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800857

Sample: SB-12 (0-0.5) Lab ID: 35800857001 Collected: 05/18/23 09:52 Received: 05/19/23 12:04 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								
Chloroethane	<b>0.0027</b> U	mg/kg	0.0065	0.0027	1	05/22/23 08:02	05/23/23 04:47	75-00-3	
Chloroform	<b>0.0011</b> U	mg/kg	0.0065	0.0011	1	05/22/23 08:02	05/23/23 04:47	67-66-3	
Chloromethane	<b>0.0012</b> U	mg/kg	0.0065	0.0012	1	05/22/23 08:02	05/23/23 04:47	74-87-3	
Dibromochloromethane	<b>0.0011</b> U	mg/kg	0.0065	0.0011	1	05/22/23 08:02	05/23/23 04:47	124-48-1	
Dibromomethane	<b>0.00092</b> U	mg/kg	0.0065	0.00092	1	05/22/23 08:02	05/23/23 04:47	74-95-3	
1,2-Dichlorobenzene	<b>0.00099</b> U	mg/kg	0.0065	0.00099	1	05/22/23 08:02	05/23/23 04:47	95-50-1	
1,3-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0065	0.0012	1	05/22/23 08:02	05/23/23 04:47	541-73-1	
1,4-Dichlorobenzene	<b>0.00087</b> U	mg/kg	0.0065	0.00087	1	05/22/23 08:02	05/23/23 04:47	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0016</b> U	mg/kg	0.0065	0.0016	1	05/22/23 08:02	05/23/23 04:47	110-57-6	
1,1-Dichloroethane	<b>0.0013</b> U	mg/kg	0.0065	0.0013	1	05/22/23 08:02	05/23/23 04:47	75-34-3	
1,2-Dichloroethane	<b>0.0010</b> U	mg/kg	0.0065	0.0010	1	05/22/23 08:02	05/23/23 04:47	107-06-2	
1,1-Dichloroethylene	<b>0.0033</b> U	mg/kg	0.0065	0.0033	1	05/22/23 08:02	05/23/23 04:47	75-35-4	
cis-1,2-Dichloroethylene	<b>0.0014</b> U	mg/kg	0.0065	0.0014	1	05/22/23 08:02	05/23/23 04:47	156-59-2	
trans-1,2-Dichloroethylene	<b>0.0017</b> U	mg/kg	0.0065	0.0017	1	05/22/23 08:02	05/23/23 04:47	156-60-5	
1,2-Dichloropropane	<b>0.0012</b> U	mg/kg	0.0065	0.0012	1	05/22/23 08:02	05/23/23 04:47	78-87-5	
1,3-Dichloropropene	<b>0.0033</b> U	mg/kg	0.0065	0.0033	1	05/22/23 08:02	05/23/23 04:47	542-75-6	
Ethylbenzene	<b>0.0016</b> U	mg/kg	0.0065	0.0016	1	05/22/23 08:02	05/23/23 04:47	100-41-4	
2-Hexanone	<b>0.0065</b> U	mg/kg	0.033	0.0065	1	05/22/23 08:02	05/23/23 04:47	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0017</b> U	mg/kg	0.0065	0.0017	1	05/22/23 08:02	05/23/23 04:47	98-82-8	
Methylene Chloride	<b>0.0057</b> U	mg/kg	0.0065	0.0057	1	05/22/23 08:02	05/23/23 04:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0065</b> U	mg/kg	0.033	0.0065	1	05/22/23 08:02	05/23/23 04:47	108-10-1	
Methyl-tert-butyl ether	<b>0.0020</b> U	mg/kg	0.0065	0.0020	1	05/22/23 08:02	05/23/23 04:47	1634-04-4	
Styrene	<b>0.0033</b> U	mg/kg	0.0065	0.0033	1	05/22/23 08:02	05/23/23 04:47	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00079</b> U	mg/kg	0.0065	0.00079	1	05/22/23 08:02	05/23/23 04:47	79-34-5	
Tetrachloroethene	<b>0.0016</b> U	mg/kg	0.0065	0.0016	1	05/22/23 08:02	05/23/23 04:47	127-18-4	
Toluene	<b>0.0011</b> U	mg/kg	0.0065	0.0011	1	05/22/23 08:02	05/23/23 04:47	108-88-3	
1,1,1-Trichloroethane	<b>0.0017</b> U	mg/kg	0.0065	0.0017	1	05/22/23 08:02	05/23/23 04:47	71-55-6	
1,1,2-Trichloroethane	<b>0.00077</b> U	mg/kg	0.0065	0.00077	1	05/22/23 08:02	05/23/23 04:47	79-00-5	
Trichloroethene	<b>0.0016</b> U	mg/kg	0.0065	0.0016	1	05/22/23 08:02	05/23/23 04:47	79-01-6	
Trichlorofluoromethane	<b>0.0033</b> U	mg/kg	0.0065	0.0033	1	05/22/23 08:02	05/23/23 04:47	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0014</b> U	mg/kg	0.0065	0.0014	1	05/22/23 08:02	05/23/23 04:47	95-63-6	
Vinyl chloride	<b>0.0012</b> U	mg/kg	0.0065	0.0012	1	05/22/23 08:02	05/23/23 04:47	75-01-4	
Xylene (Total)	<b>0.0067</b> U	mg/kg	0.020	0.0067	1	05/22/23 08:02	05/23/23 04:47	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	68-125		1	05/22/23 08:02	05/23/23 04:47	460-00-4	
Toluene-d8 (S)	110	%	70-130		1	05/22/23 08:02	05/23/23 04:47	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	05/22/23 08:02	05/23/23 04:47	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>16.0</b>	%	0.10	0.10	1			05/22/23 08:58	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (0.5-2) Lab ID: 35800857002 Collected: 05/18/23 09:56 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00039 U</b>	mg/kg	0.0039	0.00039	2	05/20/23 16:20	05/26/23 14:01	309-00-2	ED
alpha-BHC	<b>0.00021 U</b>	mg/kg	0.0039	0.00021	2	05/20/23 16:20	05/26/23 14:01	319-84-6	ED
beta-BHC	<b>0.00047 U</b>	mg/kg	0.0039	0.00047	2	05/20/23 16:20	05/26/23 14:01	319-85-7	ED
delta-BHC	<b>0.00020 U</b>	mg/kg	0.0039	0.00020	2	05/20/23 16:20	05/26/23 14:01	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00011 U</b>	mg/kg	0.0039	0.00011	2	05/20/23 16:20	05/26/23 14:01	58-89-9	ED
Chlordane (Technical)	<b>0.015 I</b>	mg/kg	0.039	0.012	2	05/20/23 16:20	05/26/23 14:01	57-74-9	ED
4,4'-DDD	<b>0.00027 I</b>	mg/kg	0.0039	0.00017	2	05/20/23 16:20	05/26/23 14:01	72-54-8	C2,ED
4,4'-DDE	<b>0.00073 I</b>	mg/kg	0.0039	0.00015	2	05/20/23 16:20	05/26/23 14:01	72-55-9	ED
4,4'-DDT	<b>0.00023 U</b>	mg/kg	0.0039	0.00023	2	05/20/23 16:20	05/26/23 14:01	50-29-3	ED, J(CL)
Dieldrin	<b>0.0012 I</b>	mg/kg	0.0039	0.00015	2	05/20/23 16:20	05/26/23 14:01	60-57-1	ED
Endosulfan I	<b>0.00044 U</b>	mg/kg	0.0039	0.00044	2	05/20/23 16:20	05/26/23 14:01	959-98-8	ED
Endosulfan II	<b>0.00017 U</b>	mg/kg	0.0039	0.00017	2	05/20/23 16:20	05/26/23 14:01	33213-65-9	ED
Endosulfan sulfate	<b>0.00015 U</b>	mg/kg	0.0039	0.00015	2	05/20/23 16:20	05/26/23 14:01	1031-07-8	ED
Endrin	<b>0.00025 U</b>	mg/kg	0.0039	0.00025	2	05/20/23 16:20	05/26/23 14:01	72-20-8	ED
Endrin aldehyde	<b>0.00025 U</b>	mg/kg	0.0078	0.00025	2	05/20/23 16:20	05/26/23 14:01	7421-93-4	ED
Endrin ketone	<b>0.00018 U</b>	mg/kg	0.0039	0.00018	2	05/20/23 16:20	05/26/23 14:01	53494-70-5	ED
Heptachlor	<b>0.00041 U</b>	mg/kg	0.0039	0.00041	2	05/20/23 16:20	05/26/23 14:01	76-44-8	ED
Heptachlor epoxide	<b>0.00017 U</b>	mg/kg	0.0039	0.00017	2	05/20/23 16:20	05/26/23 14:01	1024-57-3	ED
Methoxychlor	<b>0.00057 U</b>	mg/kg	0.0039	0.00057	2	05/20/23 16:20	05/26/23 14:01	72-43-5	ED, J(CL)
Toxaphene	<b>0.017 U</b>	mg/kg	0.039	0.017	2	05/20/23 16:20	05/26/23 14:01	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	94	%	53-140		2	05/20/23 16:20	05/26/23 14:01	877-09-8	
Decachlorobiphenyl (S)	79	%	43-157		2	05/20/23 16:20	05/26/23 14:01	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>9.1</b>	mg/kg	6.8	5.8	1	05/22/23 15:48	05/24/23 12:27		
<b>Surrogates</b>									
o-Terphenyl (S)	84	%	66-136		1	05/22/23 15:48	05/24/23 12:27	84-15-1	
N-Pentatriacontane (S)	82	%	42-159		1	05/22/23 15:48	05/24/23 12:27	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.7 U</b>	mg/kg	5.3	2.7	5	05/22/23 17:26	05/27/23 01:42	7440-36-0	D3
Arsenic	<b>5.0</b>	mg/kg	3.6	1.8	5	05/22/23 17:26	05/27/23 01:42	7440-38-2	
Beryllium	<b>0.14 I</b>	mg/kg	0.36	0.063	5	05/22/23 17:26	05/27/23 01:42	7440-41-7	D3
Cadmium	<b>0.18 I</b>	mg/kg	0.36	0.18	5	05/22/23 17:26	05/27/23 01:42	7440-43-9	D3
Chromium	<b>10.5</b>	mg/kg	1.8	0.89	5	05/22/23 17:26	05/27/23 01:42	7440-47-3	
Copper	<b>1.6 I</b>	mg/kg	1.8	0.89	5	05/22/23 17:26	05/27/23 01:42	7440-50-8	
Lead	<b>3.3 I</b>	mg/kg	3.6	1.8	5	05/22/23 17:26	05/27/23 01:42	7439-92-1	
Nickel	<b>6.8</b>	mg/kg	1.8	0.89	5	05/22/23 17:26	05/27/23 01:42	7440-02-0	
Selenium	<b>2.7 U</b>	mg/kg	5.3	2.7	5	05/22/23 17:26	05/27/23 01:42	7782-49-2	D3
Silver	<b>0.39 U</b>	mg/kg	1.8	0.39	5	05/22/23 17:26	05/27/23 01:42	7440-22-4	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (0.5-2) Lab ID: 35800857002 Collected: 05/18/23 09:56 Received: 05/19/23 12:04 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								
Thallium	<b>2.4</b> U	mg/kg	5.3	2.4	5	05/22/23 17:26	05/27/23 01:42	7440-28-0	D3
Zinc	<b>16.6</b> I	mg/kg	35.6	12.8	5	05/22/23 17:26	05/27/23 01:42	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.015</b>	mg/kg	0.0099	0.0050	1	05/22/23 12:46	05/25/23 10:03	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.018</b> U	mg/kg	0.041	0.018	1	05/22/23 09:57	05/24/23 00:49	83-32-9	
Acenaphthylene	<b>0.0060</b> U	mg/kg	0.039	0.0060	1	05/22/23 09:57	05/24/23 00:49	208-96-8	
Anthracene	<b>0.0052</b> U	mg/kg	0.041	0.0052	1	05/22/23 09:57	05/24/23 00:49	120-12-7	
Benzo(a)anthracene	<b>0.0051</b> U	mg/kg	0.039	0.0051	1	05/22/23 09:57	05/24/23 00:49	56-55-3	
Benzo(a)pyrene	<b>0.0096</b> U	mg/kg	0.039	0.0096	1	05/22/23 09:57	05/24/23 00:49	50-32-8	
Benzo(b)fluoranthene	<b>0.010</b> U	mg/kg	0.039	0.010	1	05/22/23 09:57	05/24/23 00:49	205-99-2	
Benzo(g,h,i)perylene	<b>0.0097</b> U	mg/kg	0.039	0.0097	1	05/22/23 09:57	05/24/23 00:49	191-24-2	
Benzo(k)fluoranthene	<b>0.010</b> U	mg/kg	0.039	0.010	1	05/22/23 09:57	05/24/23 00:49	207-08-9	
Chrysene	<b>0.0051</b> U	mg/kg	0.039	0.0051	1	05/22/23 09:57	05/24/23 00:49	218-01-9	
Dibenz(a,h)anthracene	<b>0.0089</b> U	mg/kg	0.039	0.0089	1	05/22/23 09:57	05/24/23 00:49	53-70-3	
Fluoranthene	<b>0.013</b> U	mg/kg	0.039	0.013	1	05/22/23 09:57	05/24/23 00:49	206-44-0	
Fluorene	<b>0.014</b> U	mg/kg	0.042	0.014	1	05/22/23 09:57	05/24/23 00:49	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0088</b> U	mg/kg	0.039	0.0088	1	05/22/23 09:57	05/24/23 00:49	193-39-5	
1-Methylnaphthalene	<b>0.0064</b> U	mg/kg	0.046	0.0064	1	05/22/23 09:57	05/24/23 00:49	90-12-0	
2-Methylnaphthalene	<b>0.0060</b> U	mg/kg	0.045	0.0060	1	05/22/23 09:57	05/24/23 00:49	91-57-6	
Naphthalene	<b>0.014</b> U	mg/kg	0.040	0.014	1	05/22/23 09:57	05/24/23 00:49	91-20-3	
Phenanthrene	<b>0.0055</b> U	mg/kg	0.039	0.0055	1	05/22/23 09:57	05/24/23 00:49	85-01-8	
Pyrene	<b>0.0081</b> I	mg/kg	0.039	0.0051	1	05/22/23 09:57	05/24/23 00:49	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	50	%	24-98		1	05/22/23 09:57	05/24/23 00:49	4165-60-0	
2-Fluorobiphenyl (S)	61	%	29-101		1	05/22/23 09:57	05/24/23 00:49	321-60-8	
p-Terphenyl-d14 (S)	64	%	29-112		1	05/22/23 09:57	05/24/23 00:49	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.0096</b> U	mg/kg	0.054	0.0096	1	05/22/23 08:02	05/23/23 05:09	67-64-1	
Benzene	<b>0.0011</b> U	mg/kg	0.0054	0.0011	1	05/22/23 08:02	05/23/23 05:09	71-43-2	
Bromochloromethane	<b>0.00080</b> U	mg/kg	0.0054	0.00080	1	05/22/23 08:02	05/23/23 05:09	74-97-5	
Bromodichloromethane	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/23/23 05:09	75-27-4	
Bromoform	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/23/23 05:09	75-25-2	
Bromomethane	<b>0.0019</b> U	mg/kg	0.0054	0.0019	1	05/22/23 08:02	05/23/23 05:09	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.0054</b> U	mg/kg	0.054	0.0054	1	05/22/23 08:02	05/23/23 05:09	78-93-3	J(v2)
Carbon disulfide	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/23/23 05:09	75-15-0	J(v1)
Carbon tetrachloride	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/23/23 05:09	56-23-5	
Chlorobenzene	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/22/23 08:02	05/23/23 05:09	108-90-7	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (0.5-2) Lab ID: 35800857002 Collected: 05/18/23 09:56 Received: 05/19/23 12:04 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								
Chloroethane	<b>0.0023</b> U	mg/kg	0.0054	0.0023	1	05/22/23 08:02	05/23/23 05:09	75-00-3	
Chloroform	<b>0.00091</b> U	mg/kg	0.0054	0.00091	1	05/22/23 08:02	05/23/23 05:09	67-66-3	
Chloromethane	<b>0.00096</b> U	mg/kg	0.0054	0.00096	1	05/22/23 08:02	05/23/23 05:09	74-87-3	
Dibromochloromethane	<b>0.00094</b> U	mg/kg	0.0054	0.00094	1	05/22/23 08:02	05/23/23 05:09	124-48-1	
Dibromomethane	<b>0.00077</b> U	mg/kg	0.0054	0.00077	1	05/22/23 08:02	05/23/23 05:09	74-95-3	
1,2-Dichlorobenzene	<b>0.00082</b> U	mg/kg	0.0054	0.00082	1	05/22/23 08:02	05/23/23 05:09	95-50-1	
1,3-Dichlorobenzene	<b>0.00098</b> U	mg/kg	0.0054	0.00098	1	05/22/23 08:02	05/23/23 05:09	541-73-1	
1,4-Dichlorobenzene	<b>0.00072</b> U	mg/kg	0.0054	0.00072	1	05/22/23 08:02	05/23/23 05:09	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/23/23 05:09	110-57-6	
1,1-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0054	0.0011	1	05/22/23 08:02	05/23/23 05:09	75-34-3	
1,2-Dichloroethane	<b>0.00083</b> U	mg/kg	0.0054	0.00083	1	05/22/23 08:02	05/23/23 05:09	107-06-2	
1,1-Dichloroethene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/23/23 05:09	75-35-4	
cis-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/23/23 05:09	156-59-2	
trans-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/22/23 08:02	05/23/23 05:09	156-60-5	
1,2-Dichloropropane	<b>0.00099</b> U	mg/kg	0.0054	0.00099	1	05/22/23 08:02	05/23/23 05:09	78-87-5	
1,3-Dichloropropene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/23/23 05:09	542-75-6	
Ethylbenzene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/23/23 05:09	100-41-4	
2-Hexanone	<b>0.0054</b> U	mg/kg	0.027	0.0054	1	05/22/23 08:02	05/23/23 05:09	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/22/23 08:02	05/23/23 05:09	98-82-8	
Methylene Chloride	<b>0.0048</b> U	mg/kg	0.0054	0.0048	1	05/22/23 08:02	05/23/23 05:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0054</b> U	mg/kg	0.027	0.0054	1	05/22/23 08:02	05/23/23 05:09	108-10-1	
Methyl-tert-butyl ether	<b>0.0016</b> U	mg/kg	0.0054	0.0016	1	05/22/23 08:02	05/23/23 05:09	1634-04-4	
Styrene	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/23/23 05:09	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00066</b> U	mg/kg	0.0054	0.00066	1	05/22/23 08:02	05/23/23 05:09	79-34-5	
Tetrachloroethene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/23/23 05:09	127-18-4	
Toluene	<b>0.00088</b> U	mg/kg	0.0054	0.00088	1	05/22/23 08:02	05/23/23 05:09	108-88-3	
1,1,1-Trichloroethane	<b>0.0014</b> U	mg/kg	0.0054	0.0014	1	05/22/23 08:02	05/23/23 05:09	71-55-6	
1,1,2-Trichloroethane	<b>0.00064</b> U	mg/kg	0.0054	0.00064	1	05/22/23 08:02	05/23/23 05:09	79-00-5	
Trichloroethene	<b>0.0013</b> U	mg/kg	0.0054	0.0013	1	05/22/23 08:02	05/23/23 05:09	79-01-6	
Trichlorofluoromethane	<b>0.0027</b> U	mg/kg	0.0054	0.0027	1	05/22/23 08:02	05/23/23 05:09	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0012</b> U	mg/kg	0.0054	0.0012	1	05/22/23 08:02	05/23/23 05:09	95-63-6	
Vinyl chloride	<b>0.0010</b> U	mg/kg	0.0054	0.0010	1	05/22/23 08:02	05/23/23 05:09	75-01-4	
Xylene (Total)	<b>0.0056</b> U	mg/kg	0.016	0.0056	1	05/22/23 08:02	05/23/23 05:09	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	136	%	68-125		1	05/22/23 08:02	05/23/23 05:09	460-00-4	S3
Toluene-d8 (S)	98	%	70-130		1	05/22/23 08:02	05/23/23 05:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	05/22/23 08:02	05/23/23 05:09	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>12.8</b>	%	0.10	0.10	1			05/22/23 08:58	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800857

Sample: SB-12 (2-3.5) Lab ID: 35800857003 Collected: 05/18/23 10:00 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00046 U</b>	mg/kg	0.0046	0.00046	2	05/20/23 16:20	05/28/23 15:59	309-00-2	ED
alpha-BHC	<b>0.00025 U</b>	mg/kg	0.0046	0.00025	2	05/20/23 16:20	05/28/23 15:59	319-84-6	ED
beta-BHC	<b>0.00055 U</b>	mg/kg	0.0046	0.00055	2	05/20/23 16:20	05/28/23 15:59	319-85-7	ED
delta-BHC	<b>0.00024 U</b>	mg/kg	0.0046	0.00024	2	05/20/23 16:20	05/28/23 15:59	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00013 U</b>	mg/kg	0.0046	0.00013	2	05/20/23 16:20	05/28/23 15:59	58-89-9	ED
Chlordane (Technical)	<b>0.014 U</b>	mg/kg	0.046	0.014	2	05/20/23 16:20	05/28/23 15:59	57-74-9	ED
4,4'-DDD	<b>0.00040 I</b>	mg/kg	0.0046	0.00021	2	05/20/23 16:20	05/28/23 15:59	72-54-8	C2,ED
4,4'-DDE	<b>0.00018 U</b>	mg/kg	0.0046	0.00018	2	05/20/23 16:20	05/28/23 15:59	72-55-9	ED
4,4'-DDT	<b>0.00028 U</b>	mg/kg	0.0046	0.00028	2	05/20/23 16:20	05/28/23 15:59	50-29-3	C2,ED
Dieldrin	<b>0.0028 I</b>	mg/kg	0.0046	0.00018	2	05/20/23 16:20	05/28/23 15:59	60-57-1	ED
Endosulfan I	<b>0.00051 U</b>	mg/kg	0.0046	0.00051	2	05/20/23 16:20	05/28/23 15:59	959-98-8	ED
Endosulfan II	<b>0.00021 U</b>	mg/kg	0.0046	0.00021	2	05/20/23 16:20	05/28/23 15:59	33213-65-9	ED
Endosulfan sulfate	<b>0.00018 U</b>	mg/kg	0.0046	0.00018	2	05/20/23 16:20	05/28/23 15:59	1031-07-8	ED
Endrin	<b>0.00029 U</b>	mg/kg	0.0046	0.00029	2	05/20/23 16:20	05/28/23 15:59	72-20-8	ED
Endrin aldehyde	<b>0.00030 U</b>	mg/kg	0.0092	0.00030	2	05/20/23 16:20	05/28/23 15:59	7421-93-4	ED
Endrin ketone	<b>0.00021 U</b>	mg/kg	0.0046	0.00021	2	05/20/23 16:20	05/28/23 15:59	53494-70-5	ED
Heptachlor	<b>0.00049 U</b>	mg/kg	0.0046	0.00049	2	05/20/23 16:20	05/28/23 15:59	76-44-8	ED
Heptachlor epoxide	<b>0.00020 U</b>	mg/kg	0.0046	0.00020	2	05/20/23 16:20	05/28/23 15:59	1024-57-3	ED
Methoxychlor	<b>0.00068 U</b>	mg/kg	0.0046	0.00068	2	05/20/23 16:20	05/28/23 15:59	72-43-5	ED
Toxaphene	<b>0.020 U</b>	mg/kg	0.046	0.020	2	05/20/23 16:20	05/28/23 15:59	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	98	%	53-140		2	05/20/23 16:20	05/28/23 15:59	877-09-8	
Decachlorobiphenyl (S)	111	%	43-157		2	05/20/23 16:20	05/28/23 15:59	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>21.4</b>	mg/kg	8.1	6.9	1	05/22/23 15:48	05/24/23 12:42		
<b>Surrogates</b>									
o-Terphenyl (S)	86	%	66-136		1	05/22/23 15:48	05/24/23 12:42	84-15-1	
N-Pentatriacontane (S)	84	%	42-159		1	05/22/23 15:48	05/24/23 12:42	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.8 U</b>	mg/kg	5.6	2.8	5	05/22/23 17:26	05/27/23 01:46	7440-36-0	D3
Arsenic	<b>6.5</b>	mg/kg	3.7	1.9	5	05/22/23 17:26	05/27/23 01:46	7440-38-2	
Beryllium	<b>0.13 I</b>	mg/kg	0.37	0.065	5	05/22/23 17:26	05/27/23 01:46	7440-41-7	D3
Cadmium	<b>0.31 I</b>	mg/kg	0.37	0.19	5	05/22/23 17:26	05/27/23 01:46	7440-43-9	D3
Chromium	<b>10.4</b>	mg/kg	1.9	0.93	5	05/22/23 17:26	05/27/23 01:46	7440-47-3	
Copper	<b>3.5</b>	mg/kg	1.9	0.93	5	05/22/23 17:26	05/27/23 01:46	7440-50-8	
Lead	<b>32.0</b>	mg/kg	3.7	1.9	5	05/22/23 17:26	05/27/23 01:46	7439-92-1	
Nickel	<b>10.6</b>	mg/kg	1.9	0.93	5	05/22/23 17:26	05/27/23 01:46	7440-02-0	
Selenium	<b>2.8 U</b>	mg/kg	5.6	2.8	5	05/22/23 17:26	05/27/23 01:46	7782-49-2	D3
Silver	<b>0.41 U</b>	mg/kg	1.9	0.41	5	05/22/23 17:26	05/27/23 01:46	7440-22-4	D3
Thallium	<b>2.5 U</b>	mg/kg	5.6	2.5	5	05/22/23 17:26	05/27/23 01:46	7440-28-0	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (2-3.5) Lab ID: 35800857003 Collected: 05/18/23 10:00 Received: 05/19/23 12:04 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								
Zinc	<b>135</b>	mg/kg	37.2	13.4	5	05/22/23 17:26	05/27/23 01:46	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.13</b>	mg/kg	0.013	0.0063	1	05/23/23 07:10	05/25/23 14:30	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.11</b> U	mg/kg	0.24	0.11	5	05/23/23 01:58	05/30/23 22:07	83-32-9	ED
Acenaphthylene	<b>0.036</b> U	mg/kg	0.23	0.036	5	05/23/23 01:58	05/30/23 22:07	208-96-8	ED
Anthracene	<b>0.031</b> U	mg/kg	0.24	0.031	5	05/23/23 01:58	05/30/23 22:07	120-12-7	ED
Benzo(a)anthracene	<b>0.030</b> U	mg/kg	0.23	0.030	5	05/23/23 01:58	05/30/23 22:07	56-55-3	ED
Benzo(a)pyrene	<b>0.057</b> U	mg/kg	0.23	0.057	5	05/23/23 01:58	05/30/23 22:07	50-32-8	ED
Benzo(b)fluoranthene	<b>0.061</b> U	mg/kg	0.23	0.061	5	05/23/23 01:58	05/30/23 22:07	205-99-2	ED
Benzo(g,h,i)perylene	<b>0.057</b> U	mg/kg	0.23	0.057	5	05/23/23 01:58	05/30/23 22:07	191-24-2	ED
Benzo(k)fluoranthene	<b>0.061</b> U	mg/kg	0.23	0.061	5	05/23/23 01:58	05/30/23 22:07	207-08-9	ED
Chrysene	<b>0.030</b> U	mg/kg	0.23	0.030	5	05/23/23 01:58	05/30/23 22:07	218-01-9	ED
Dibenz(a,h)anthracene	<b>0.052</b> U	mg/kg	0.23	0.052	5	05/23/23 01:58	05/30/23 22:07	53-70-3	ED
Fluoranthene	<b>0.074</b> U	mg/kg	0.23	0.074	5	05/23/23 01:58	05/30/23 22:07	206-44-0	ED
Fluorene	<b>0.081</b> U	mg/kg	0.25	0.081	5	05/23/23 01:58	05/30/23 22:07	86-73-7	ED
Indeno(1,2,3-cd)pyrene	<b>0.052</b> U	mg/kg	0.23	0.052	5	05/23/23 01:58	05/30/23 22:07	193-39-5	ED
1-Methylnaphthalene	<b>0.038</b> U	mg/kg	0.27	0.038	5	05/23/23 01:58	05/30/23 22:07	90-12-0	ED
2-Methylnaphthalene	<b>0.036</b> U	mg/kg	0.26	0.036	5	05/23/23 01:58	05/30/23 22:07	91-57-6	ED
Naphthalene	<b>0.081</b> U	mg/kg	0.24	0.081	5	05/23/23 01:58	05/30/23 22:07	91-20-3	ED
Phenanthrene	<b>0.032</b> U	mg/kg	0.23	0.032	5	05/23/23 01:58	05/30/23 22:07	85-01-8	ED
Pyrene	<b>0.030</b> U	mg/kg	0.23	0.030	5	05/23/23 01:58	05/30/23 22:07	129-00-0	ED
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	52	%	24-98		5	05/23/23 01:58	05/30/23 22:07	4165-60-0	
2-Fluorobiphenyl (S)	63	%	29-101		5	05/23/23 01:58	05/30/23 22:07	321-60-8	
p-Terphenyl-d14 (S)	61	%	29-112		5	05/23/23 01:58	05/30/23 22:07	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.40</b>	mg/kg	0.078	0.014	1	05/24/23 17:17	05/25/23 07:40	67-64-1	
Benzene	<b>0.0016</b> U	mg/kg	0.0078	0.0016	1	05/24/23 17:17	05/25/23 07:40	71-43-2	
Bromochloromethane	<b>0.0012</b> U	mg/kg	0.0078	0.0012	1	05/24/23 17:17	05/25/23 07:40	74-97-5	
Bromodichloromethane	<b>0.0017</b> U	mg/kg	0.0078	0.0017	1	05/24/23 17:17	05/25/23 07:40	75-27-4	
Bromoform	<b>0.0017</b> U	mg/kg	0.0078	0.0017	1	05/24/23 17:17	05/25/23 07:40	75-25-2	
Bromomethane	<b>0.0028</b> U	mg/kg	0.0078	0.0028	1	05/24/23 17:17	05/25/23 07:40	74-83-9	J(v2)
2-Butanone (MEK)	<b>0.090</b>	mg/kg	0.078	0.0078	1	05/24/23 17:17	05/25/23 07:40	78-93-3	
Carbon disulfide	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/24/23 17:17	05/25/23 07:40	75-15-0	
Carbon tetrachloride	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/24/23 17:17	05/25/23 07:40	56-23-5	
Chlorobenzene	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/24/23 17:17	05/25/23 07:40	108-90-7	
Chloroethane	<b>0.0033</b> U	mg/kg	0.0078	0.0033	1	05/24/23 17:17	05/25/23 07:40	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-12 (2-3.5) Lab ID: 35800857003 Collected: 05/18/23 10:00 Received: 05/19/23 12:04 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								
Chloroform	<b>0.0013</b> U	mg/kg	0.0078	0.0013	1	05/24/23 17:17	05/25/23 07:40	67-66-3	
Chloromethane	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/24/23 17:17	05/25/23 07:40	74-87-3	J(v2)
Dibromochloromethane	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/24/23 17:17	05/25/23 07:40	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0078	0.0011	1	05/24/23 17:17	05/25/23 07:40	74-95-3	
1,2-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0078	0.0012	1	05/24/23 17:17	05/25/23 07:40	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/24/23 17:17	05/25/23 07:40	541-73-1	
1,4-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0078	0.0010	1	05/24/23 17:17	05/25/23 07:40	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/24/23 17:17	05/25/23 07:40	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0078	0.0015	1	05/24/23 17:17	05/25/23 07:40	75-34-3	
1,2-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0078	0.0012	1	05/24/23 17:17	05/25/23 07:40	107-06-2	
1,1-Dichloroethene	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/24/23 17:17	05/25/23 07:40	75-35-4	
cis-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0078	0.0017	1	05/24/23 17:17	05/25/23 07:40	156-59-2	
trans-1,2-Dichloroethene	<b>0.0020</b> U	mg/kg	0.0078	0.0020	1	05/24/23 17:17	05/25/23 07:40	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/24/23 17:17	05/25/23 07:40	78-87-5	
1,3-Dichloropropene	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/24/23 17:17	05/25/23 07:40	542-75-6	
Ethylbenzene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/24/23 17:17	05/25/23 07:40	100-41-4	
2-Hexanone	<b>0.0078</b> U	mg/kg	0.039	0.0078	1	05/24/23 17:17	05/25/23 07:40	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0020</b> U	mg/kg	0.0078	0.0020	1	05/24/23 17:17	05/25/23 07:40	98-82-8	
Methylene Chloride	<b>0.0069</b> U	mg/kg	0.0078	0.0069	1	05/24/23 17:17	05/25/23 07:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0078</b> U	mg/kg	0.039	0.0078	1	05/24/23 17:17	05/25/23 07:40	108-10-1	
Methyl-tert-butyl ether	<b>0.0023</b> U	mg/kg	0.0078	0.0023	1	05/24/23 17:17	05/25/23 07:40	1634-04-4	
Styrene	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/24/23 17:17	05/25/23 07:40	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00095</b> U	mg/kg	0.0078	0.00095	1	05/24/23 17:17	05/25/23 07:40	79-34-5	
Tetrachloroethene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/24/23 17:17	05/25/23 07:40	127-18-4	
Toluene	<b>0.0013</b> U	mg/kg	0.0078	0.0013	1	05/24/23 17:17	05/25/23 07:40	108-88-3	
1,1,1-Trichloroethane	<b>0.0020</b> U	mg/kg	0.0078	0.0020	1	05/24/23 17:17	05/25/23 07:40	71-55-6	
1,1,2-Trichloroethane	<b>0.00092</b> U	mg/kg	0.0078	0.00092	1	05/24/23 17:17	05/25/23 07:40	79-00-5	
Trichloroethene	<b>0.0019</b> U	mg/kg	0.0078	0.0019	1	05/24/23 17:17	05/25/23 07:40	79-01-6	
Trichlorofluoromethane	<b>0.0039</b> U	mg/kg	0.0078	0.0039	1	05/24/23 17:17	05/25/23 07:40	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0017</b> U	mg/kg	0.0078	0.0017	1	05/24/23 17:17	05/25/23 07:40	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0078	0.0014	1	05/24/23 17:17	05/25/23 07:40	75-01-4	
Xylene (Total)	<b>0.0080</b> U	mg/kg	0.023	0.0080	1	05/24/23 17:17	05/25/23 07:40	1330-20-7	
<b>Surrogates</b>									J(v2)
4-Bromofluorobenzene (S)	79	%	68-125		1	05/24/23 17:17	05/25/23 07:40	460-00-4	
Toluene-d8 (S)	92	%	70-130		1	05/24/23 17:17	05/25/23 07:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1	05/24/23 17:17	05/25/23 07:40	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>25.8</b>	%	0.10	0.10	1			05/22/23 08:58	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-9 (0-0.5) Lab ID: 35800857004 Collected: 05/18/23 10:56 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00042 U</b>	mg/kg	0.0042	0.00042	2	05/20/23 16:20	05/28/23 16:12	309-00-2	ED
alpha-BHC	<b>0.00023 U</b>	mg/kg	0.0042	0.00023	2	05/20/23 16:20	05/28/23 16:12	319-84-6	ED
beta-BHC	<b>0.00051 U</b>	mg/kg	0.0042	0.00051	2	05/20/23 16:20	05/28/23 16:12	319-85-7	ED
delta-BHC	<b>0.00022 U</b>	mg/kg	0.0042	0.00022	2	05/20/23 16:20	05/28/23 16:12	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00012 U</b>	mg/kg	0.0042	0.00012	2	05/20/23 16:20	05/28/23 16:12	58-89-9	ED
Chlordane (Technical)	<b>0.013 U</b>	mg/kg	0.042	0.013	2	05/20/23 16:20	05/28/23 16:12	57-74-9	ED
4,4'-DDD	<b>0.00019 U</b>	mg/kg	0.0042	0.00019	2	05/20/23 16:20	05/28/23 16:12	72-54-8	ED
4,4'-DDE	<b>0.00017 U</b>	mg/kg	0.0042	0.00017	2	05/20/23 16:20	05/28/23 16:12	72-55-9	ED
4,4'-DDT	<b>0.00025 U</b>	mg/kg	0.0042	0.00025	2	05/20/23 16:20	05/28/23 16:12	50-29-3	ED
Dieldrin	<b>0.00016 U</b>	mg/kg	0.0042	0.00016	2	05/20/23 16:20	05/28/23 16:12	60-57-1	ED
Endosulfan I	<b>0.00047 U</b>	mg/kg	0.0042	0.00047	2	05/20/23 16:20	05/28/23 16:12	959-98-8	ED
Endosulfan II	<b>0.00019 U</b>	mg/kg	0.0042	0.00019	2	05/20/23 16:20	05/28/23 16:12	33213-65-9	ED
Endosulfan sulfate	<b>0.00017 U</b>	mg/kg	0.0042	0.00017	2	05/20/23 16:20	05/28/23 16:12	1031-07-8	ED
Endrin	<b>0.00027 U</b>	mg/kg	0.0042	0.00027	2	05/20/23 16:20	05/28/23 16:12	72-20-8	ED
Endrin aldehyde	<b>0.00027 U</b>	mg/kg	0.0085	0.00027	2	05/20/23 16:20	05/28/23 16:12	7421-93-4	ED
Endrin ketone	<b>0.00020 U</b>	mg/kg	0.0042	0.00020	2	05/20/23 16:20	05/28/23 16:12	53494-70-5	ED
Heptachlor	<b>0.00045 U</b>	mg/kg	0.0042	0.00045	2	05/20/23 16:20	05/28/23 16:12	76-44-8	ED
Heptachlor epoxide	<b>0.00018 U</b>	mg/kg	0.0042	0.00018	2	05/20/23 16:20	05/28/23 16:12	1024-57-3	ED
Methoxychlor	<b>0.00062 U</b>	mg/kg	0.0042	0.00062	2	05/20/23 16:20	05/28/23 16:12	72-43-5	ED
Toxaphene	<b>0.018 U</b>	mg/kg	0.042	0.018	2	05/20/23 16:20	05/28/23 16:12	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	104	%	53-140		2	05/20/23 16:20	05/28/23 16:12	877-09-8	
Decachlorobiphenyl (S)	92	%	43-157		2	05/20/23 16:20	05/28/23 16:12	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>43.2</b>	mg/kg	7.4	6.4	1	05/22/23 15:48	05/24/23 13:28		
<b>Surrogates</b>									
o-Terphenyl (S)	88	%	66-136		1	05/22/23 15:48	05/24/23 13:28	84-15-1	
N-Pentatriacontane (S)	87	%	42-159		1	05/22/23 15:48	05/24/23 13:28	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.6 U</b>	mg/kg	5.1	2.6	5	05/22/23 17:26	05/27/23 01:59	7440-36-0	D3
Arsenic	<b>8.3</b>	mg/kg	3.4	1.7	5	05/22/23 17:26	05/27/23 01:59	7440-38-2	
Beryllium	<b>0.26 I</b>	mg/kg	0.34	0.060	5	05/22/23 17:26	05/27/23 01:59	7440-41-7	D3
Cadmium	<b>0.23 I</b>	mg/kg	0.34	0.17	5	05/22/23 17:26	05/27/23 01:59	7440-43-9	D3
Chromium	<b>14.3</b>	mg/kg	1.7	0.86	5	05/22/23 17:26	05/27/23 01:59	7440-47-3	
Copper	<b>2.1</b>	mg/kg	1.7	0.86	5	05/22/23 17:26	05/27/23 01:59	7440-50-8	
Lead	<b>2.9 I</b>	mg/kg	3.4	1.7	5	05/22/23 17:26	05/27/23 01:59	7439-92-1	
Nickel	<b>10.5</b>	mg/kg	1.7	0.86	5	05/22/23 17:26	05/27/23 01:59	7440-02-0	
Selenium	<b>2.6 U</b>	mg/kg	5.1	2.6	5	05/22/23 17:26	05/27/23 01:59	7782-49-2	D3
Silver	<b>0.38 U</b>	mg/kg	1.7	0.38	5	05/22/23 17:26	05/27/23 01:59	7440-22-4	D3
Thallium	<b>2.3 U</b>	mg/kg	5.1	2.3	5	05/22/23 17:26	05/27/23 01:59	7440-28-0	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-9 (0-0.5) Lab ID: 35800857004 Collected: 05/18/23 10:56 Received: 05/19/23 12:04 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								
Zinc	<b>12.3</b> U	mg/kg	34.2	12.3	5	05/22/23 17:26	05/27/23 01:59	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.20</b>	mg/kg	0.011	0.0055	1	05/23/23 07:10	05/25/23 14:32	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.020</b> U	mg/kg	0.045	0.020	1	05/23/23 01:58	05/30/23 15:48	83-32-9	
Acenaphthylene	<b>0.0066</b> U	mg/kg	0.042	0.0066	1	05/23/23 01:58	05/30/23 15:48	208-96-8	
Anthracene	<b>0.0057</b> U	mg/kg	0.045	0.0057	1	05/23/23 01:58	05/30/23 15:48	120-12-7	
Benzo(a)anthracene	<b>0.0056</b> U	mg/kg	0.042	0.0056	1	05/23/23 01:58	05/30/23 15:48	56-55-3	
Benzo(a)pyrene	<b>0.010</b> U	mg/kg	0.042	0.010	1	05/23/23 01:58	05/30/23 15:48	50-32-8	
Benzo(b)fluoranthene	<b>0.011</b> U	mg/kg	0.042	0.011	1	05/23/23 01:58	05/30/23 15:48	205-99-2	
Benzo(g,h,i)perylene	<b>0.011</b> U	mg/kg	0.042	0.011	1	05/23/23 01:58	05/30/23 15:48	191-24-2	
Benzo(k)fluoranthene	<b>0.011</b> U	mg/kg	0.042	0.011	1	05/23/23 01:58	05/30/23 15:48	207-08-9	
Chrysene	<b>0.0056</b> U	mg/kg	0.042	0.0056	1	05/23/23 01:58	05/30/23 15:48	218-01-9	
Dibenz(a,h)anthracene	<b>0.0097</b> U	mg/kg	0.042	0.0097	1	05/23/23 01:58	05/30/23 15:48	53-70-3	
Fluoranthene	<b>0.014</b> U	mg/kg	0.042	0.014	1	05/23/23 01:58	05/30/23 15:48	206-44-0	
Fluorene	<b>0.015</b> U	mg/kg	0.046	0.015	1	05/23/23 01:58	05/30/23 15:48	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0096</b> U	mg/kg	0.042	0.0096	1	05/23/23 01:58	05/30/23 15:48	193-39-5	
1-Methylnaphthalene	<b>0.0070</b> U	mg/kg	0.050	0.0070	1	05/23/23 01:58	05/30/23 15:48	90-12-0	
2-Methylnaphthalene	<b>0.0066</b> U	mg/kg	0.049	0.0066	1	05/23/23 01:58	05/30/23 15:48	91-57-6	
Naphthalene	<b>0.015</b> U	mg/kg	0.044	0.015	1	05/23/23 01:58	05/30/23 15:48	91-20-3	
Phenanthrene	<b>0.0060</b> U	mg/kg	0.042	0.0060	1	05/23/23 01:58	05/30/23 15:48	85-01-8	
Pyrene	<b>0.0056</b> U	mg/kg	0.042	0.0056	1	05/23/23 01:58	05/30/23 15:48	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	55	%	24-98		1	05/23/23 01:58	05/30/23 15:48	4165-60-0	
2-Fluorobiphenyl (S)	67	%	29-101		1	05/23/23 01:58	05/30/23 15:48	321-60-8	
p-Terphenyl-d14 (S)	72	%	29-112		1	05/23/23 01:58	05/30/23 15:48	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.024</b> I	mg/kg	0.074	0.013	1	05/24/23 17:17	05/25/23 08:03	67-64-1	
Benzene	<b>0.0015</b> U	mg/kg	0.0074	0.0015	1	05/24/23 17:17	05/25/23 08:03	71-43-2	
Bromochloromethane	<b>0.0011</b> U	mg/kg	0.0074	0.0011	1	05/24/23 17:17	05/25/23 08:03	74-97-5	
Bromodichloromethane	<b>0.0016</b> U	mg/kg	0.0074	0.0016	1	05/24/23 17:17	05/25/23 08:03	75-27-4	
Bromoform	<b>0.0016</b> U	mg/kg	0.0074	0.0016	1	05/24/23 17:17	05/25/23 08:03	75-25-2	
Bromomethane	<b>0.0027</b> U	mg/kg	0.0074	0.0027	1	05/24/23 17:17	05/25/23 08:03	74-83-9	
2-Butanone (MEK)	<b>0.0074</b> U	mg/kg	0.074	0.0074	1	05/24/23 17:17	05/25/23 08:03	78-93-3	
Carbon disulfide	<b>0.0037</b> U	mg/kg	0.0074	0.0037	1	05/24/23 17:17	05/25/23 08:03	75-15-0	
Carbon tetrachloride	<b>0.0018</b> U	mg/kg	0.0074	0.0018	1	05/24/23 17:17	05/25/23 08:03	56-23-5	
Chlorobenzene	<b>0.0014</b> U	mg/kg	0.0074	0.0014	1	05/24/23 17:17	05/25/23 08:03	108-90-7	
Chloroethane	<b>0.0031</b> U	mg/kg	0.0074	0.0031	1	05/24/23 17:17	05/25/23 08:03	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800857

Sample: SB-9 (0-0.5) Lab ID: 35800857004 Collected: 05/18/23 10:56 Received: 05/19/23 12:04 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								
Chloroform	<b>0.0012</b> U	mg/kg	0.0074	0.0012	1	05/24/23 17:17	05/25/23 08:03	67-66-3	
Chloromethane	<b>0.0013</b> U	mg/kg	0.0074	0.0013	1	05/24/23 17:17	05/25/23 08:03	74-87-3	
Dibromochloromethane	<b>0.0013</b> U	mg/kg	0.0074	0.0013	1	05/24/23 17:17	05/25/23 08:03	124-48-1	
Dibromomethane	<b>0.0011</b> U	mg/kg	0.0074	0.0011	1	05/24/23 17:17	05/25/23 08:03	74-95-3	
1,2-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0074	0.0011	1	05/24/23 17:17	05/25/23 08:03	95-50-1	
1,3-Dichlorobenzene	<b>0.0014</b> U	mg/kg	0.0074	0.0014	1	05/24/23 17:17	05/25/23 08:03	541-73-1	
1,4-Dichlorobenzene	<b>0.0010</b> U	mg/kg	0.0074	0.0010	1	05/24/23 17:17	05/25/23 08:03	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0018</b> U	mg/kg	0.0074	0.0018	1	05/24/23 17:17	05/25/23 08:03	110-57-6	
1,1-Dichloroethane	<b>0.0015</b> U	mg/kg	0.0074	0.0015	1	05/24/23 17:17	05/25/23 08:03	75-34-3	
1,2-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0074	0.0011	1	05/24/23 17:17	05/25/23 08:03	107-06-2	
1,1-Dichloroethene	<b>0.0037</b> U	mg/kg	0.0074	0.0037	1	05/24/23 17:17	05/25/23 08:03	75-35-4	
cis-1,2-Dichloroethene	<b>0.0016</b> U	mg/kg	0.0074	0.0016	1	05/24/23 17:17	05/25/23 08:03	156-59-2	
trans-1,2-Dichloroethene	<b>0.0019</b> U	mg/kg	0.0074	0.0019	1	05/24/23 17:17	05/25/23 08:03	156-60-5	
1,2-Dichloropropane	<b>0.0014</b> U	mg/kg	0.0074	0.0014	1	05/24/23 17:17	05/25/23 08:03	78-87-5	
1,3-Dichloropropene	<b>0.0037</b> U	mg/kg	0.0074	0.0037	1	05/24/23 17:17	05/25/23 08:03	542-75-6	
Ethylbenzene	<b>0.0018</b> U	mg/kg	0.0074	0.0018	1	05/24/23 17:17	05/25/23 08:03	100-41-4	
2-Hexanone	<b>0.0074</b> U	mg/kg	0.037	0.0074	1	05/24/23 17:17	05/25/23 08:03	591-78-6	
Isopropylbenzene (Cumene)	<b>0.0019</b> U	mg/kg	0.0074	0.0019	1	05/24/23 17:17	05/25/23 08:03	98-82-8	
Methylene Chloride	<b>0.0065</b> U	mg/kg	0.0074	0.0065	1	05/24/23 17:17	05/25/23 08:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0074</b> U	mg/kg	0.037	0.0074	1	05/24/23 17:17	05/25/23 08:03	108-10-1	
Methyl-tert-butyl ether	<b>0.0022</b> U	mg/kg	0.0074	0.0022	1	05/24/23 17:17	05/25/23 08:03	1634-04-4	
Styrene	<b>0.0037</b> U	mg/kg	0.0074	0.0037	1	05/24/23 17:17	05/25/23 08:03	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00091</b> U	mg/kg	0.0074	0.00091	1	05/24/23 17:17	05/25/23 08:03	79-34-5	
Tetrachloroethene	<b>0.0018</b> U	mg/kg	0.0074	0.0018	1	05/24/23 17:17	05/25/23 08:03	127-18-4	
Toluene	<b>0.0012</b> U	mg/kg	0.0074	0.0012	1	05/24/23 17:17	05/25/23 08:03	108-88-3	
1,1,1-Trichloroethane	<b>0.0019</b> U	mg/kg	0.0074	0.0019	1	05/24/23 17:17	05/25/23 08:03	71-55-6	
1,1,2-Trichloroethane	<b>0.00088</b> U	mg/kg	0.0074	0.00088	1	05/24/23 17:17	05/25/23 08:03	79-00-5	
Trichloroethene	<b>0.0018</b> U	mg/kg	0.0074	0.0018	1	05/24/23 17:17	05/25/23 08:03	79-01-6	
Trichlorofluoromethane	<b>0.0037</b> U	mg/kg	0.0074	0.0037	1	05/24/23 17:17	05/25/23 08:03	75-69-4	
1,2,4-Trimethylbenzene	<b>0.0016</b> U	mg/kg	0.0074	0.0016	1	05/24/23 17:17	05/25/23 08:03	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0074	0.0014	1	05/24/23 17:17	05/25/23 08:03	75-01-4	
Xylene (Total)	<b>0.0076</b> U	mg/kg	0.022	0.0076	1	05/24/23 17:17	05/25/23 08:03	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	68-125		1	05/24/23 17:17	05/25/23 08:03	460-00-4	
Toluene-d8 (S)	96	%	70-130		1	05/24/23 17:17	05/25/23 08:03	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1	05/24/23 17:17	05/25/23 08:03	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>20.0</b>	%	0.10	0.10	1			05/22/23 08:58	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-9 (0.5-2) Lab ID: 35800857005 Collected: 05/18/23 11:00 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00043 U</b>	mg/kg	0.0043	0.00043	2	05/20/23 16:20	05/28/23 16:25	309-00-2	ED
alpha-BHC	<b>0.00023 U</b>	mg/kg	0.0043	0.00023	2	05/20/23 16:20	05/28/23 16:25	319-84-6	ED
beta-BHC	<b>0.00051 U</b>	mg/kg	0.0043	0.00051	2	05/20/23 16:20	05/28/23 16:25	319-85-7	ED
delta-BHC	<b>0.00022 U</b>	mg/kg	0.0043	0.00022	2	05/20/23 16:20	05/28/23 16:25	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00012 U</b>	mg/kg	0.0043	0.00012	2	05/20/23 16:20	05/28/23 16:25	58-89-9	ED
Chlordane (Technical)	<b>0.013 U</b>	mg/kg	0.043	0.013	2	05/20/23 16:20	05/28/23 16:25	57-74-9	ED
4,4'-DDD	<b>0.00019 U</b>	mg/kg	0.0043	0.00019	2	05/20/23 16:20	05/28/23 16:25	72-54-8	ED
4,4'-DDE	<b>0.00017 U</b>	mg/kg	0.0043	0.00017	2	05/20/23 16:20	05/28/23 16:25	72-55-9	ED
4,4'-DDT	<b>0.00026 U</b>	mg/kg	0.0043	0.00026	2	05/20/23 16:20	05/28/23 16:25	50-29-3	ED
Dieldrin	<b>0.00016 U</b>	mg/kg	0.0043	0.00016	2	05/20/23 16:20	05/28/23 16:25	60-57-1	ED
Endosulfan I	<b>0.00048 U</b>	mg/kg	0.0043	0.00048	2	05/20/23 16:20	05/28/23 16:25	959-98-8	ED
Endosulfan II	<b>0.00019 U</b>	mg/kg	0.0043	0.00019	2	05/20/23 16:20	05/28/23 16:25	33213-65-9	ED
Endosulfan sulfate	<b>0.00017 U</b>	mg/kg	0.0043	0.00017	2	05/20/23 16:20	05/28/23 16:25	1031-07-8	ED
Endrin	<b>0.00027 U</b>	mg/kg	0.0043	0.00027	2	05/20/23 16:20	05/28/23 16:25	72-20-8	ED
Endrin aldehyde	<b>0.00028 U</b>	mg/kg	0.0086	0.00028	2	05/20/23 16:20	05/28/23 16:25	7421-93-4	ED
Endrin ketone	<b>0.00020 U</b>	mg/kg	0.0043	0.00020	2	05/20/23 16:20	05/28/23 16:25	53494-70-5	ED
Heptachlor	<b>0.00045 U</b>	mg/kg	0.0043	0.00045	2	05/20/23 16:20	05/28/23 16:25	76-44-8	ED
Heptachlor epoxide	<b>0.00018 U</b>	mg/kg	0.0043	0.00018	2	05/20/23 16:20	05/28/23 16:25	1024-57-3	ED
Methoxychlor	<b>0.00063 U</b>	mg/kg	0.0043	0.00063	2	05/20/23 16:20	05/28/23 16:25	72-43-5	ED
Toxaphene	<b>0.019 U</b>	mg/kg	0.043	0.019	2	05/20/23 16:20	05/28/23 16:25	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	94	%	53-140		2	05/20/23 16:20	05/28/23 16:25	877-09-8	
Decachlorobiphenyl (S)	75	%	43-157		2	05/20/23 16:20	05/28/23 16:25	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>6.5 U</b>	mg/kg	7.6	6.5	1	05/22/23 15:48	05/24/23 13:44		
<b>Surrogates</b>									
o-Terphenyl (S)	80	%	66-136		1	05/22/23 15:48	05/24/23 13:44	84-15-1	
N-Pentatriacontane (S)	83	%	42-159		1	05/22/23 15:48	05/24/23 13:44	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.2 U</b>	mg/kg	4.5	2.2	5	05/22/23 17:26	05/27/23 02:03	7440-36-0	D3
Arsenic	<b>2.0 I</b>	mg/kg	3.0	1.5	5	05/22/23 17:26	05/27/23 02:03	7440-38-2	
Beryllium	<b>0.15 I</b>	mg/kg	0.30	0.052	5	05/22/23 17:26	05/27/23 02:03	7440-41-7	D3
Cadmium	<b>0.18 I</b>	mg/kg	0.30	0.15	5	05/22/23 17:26	05/27/23 02:03	7440-43-9	D3
Chromium	<b>9.8</b>	mg/kg	1.5	0.75	5	05/22/23 17:26	05/27/23 02:03	7440-47-3	
Copper	<b>1.8</b>	mg/kg	1.5	0.75	5	05/22/23 17:26	05/27/23 02:03	7440-50-8	
Lead	<b>1.5 U</b>	mg/kg	3.0	1.5	5	05/22/23 17:26	05/27/23 02:03	7439-92-1	D3
Nickel	<b>12.1</b>	mg/kg	1.5	0.75	5	05/22/23 17:26	05/27/23 02:03	7440-02-0	
Selenium	<b>2.2 U</b>	mg/kg	4.5	2.2	5	05/22/23 17:26	05/27/23 02:03	7782-49-2	D3
Silver	<b>0.33 U</b>	mg/kg	1.5	0.33	5	05/22/23 17:26	05/27/23 02:03	7440-22-4	D3
Thallium	<b>2.0 U</b>	mg/kg	4.5	2.0	5	05/22/23 17:26	05/27/23 02:03	7440-28-0	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-9 (0.5-2) Lab ID: 35800857005 Collected: 05/18/23 11:00 Received: 05/19/23 12:04 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								
Zinc	<b>10.7</b> U	mg/kg	29.8	10.7	5	05/22/23 17:26	05/27/23 02:03	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.15</b>	mg/kg	0.011	0.0056	1	05/23/23 07:10	05/25/23 14:39	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.020</b> U	mg/kg	0.045	0.020	1	05/23/23 01:58	05/30/23 16:14	83-32-9	
Acenaphthylene	<b>0.0067</b> U	mg/kg	0.043	0.0067	1	05/23/23 01:58	05/30/23 16:14	208-96-8	
Anthracene	<b>0.0058</b> U	mg/kg	0.045	0.0058	1	05/23/23 01:58	05/30/23 16:14	120-12-7	
Benzo(a)anthracene	<b>0.0057</b> U	mg/kg	0.043	0.0057	1	05/23/23 01:58	05/30/23 16:14	56-55-3	
Benzo(a)pyrene	<b>0.011</b> U	mg/kg	0.043	0.011	1	05/23/23 01:58	05/30/23 16:14	50-32-8	
Benzo(b)fluoranthene	<b>0.011</b> U	mg/kg	0.043	0.011	1	05/23/23 01:58	05/30/23 16:14	205-99-2	
Benzo(g,h,i)perylene	<b>0.011</b> U	mg/kg	0.043	0.011	1	05/23/23 01:58	05/30/23 16:14	191-24-2	
Benzo(k)fluoranthene	<b>0.011</b> U	mg/kg	0.043	0.011	1	05/23/23 01:58	05/30/23 16:14	207-08-9	
Chrysene	<b>0.0057</b> U	mg/kg	0.043	0.0057	1	05/23/23 01:58	05/30/23 16:14	218-01-9	
Dibenz(a,h)anthracene	<b>0.0098</b> U	mg/kg	0.043	0.0098	1	05/23/23 01:58	05/30/23 16:14	53-70-3	
Fluoranthene	<b>0.014</b> U	mg/kg	0.043	0.014	1	05/23/23 01:58	05/30/23 16:14	206-44-0	
Fluorene	<b>0.015</b> U	mg/kg	0.047	0.015	1	05/23/23 01:58	05/30/23 16:14	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0097</b> U	mg/kg	0.043	0.0097	1	05/23/23 01:58	05/30/23 16:14	193-39-5	
1-Methylnaphthalene	<b>0.0071</b> U	mg/kg	0.051	0.0071	1	05/23/23 01:58	05/30/23 16:14	90-12-0	
2-Methylnaphthalene	<b>0.0067</b> U	mg/kg	0.049	0.0067	1	05/23/23 01:58	05/30/23 16:14	91-57-6	
Naphthalene	<b>0.015</b> U	mg/kg	0.044	0.015	1	05/23/23 01:58	05/30/23 16:14	91-20-3	
Phenanthrene	<b>0.0061</b> U	mg/kg	0.043	0.0061	1	05/23/23 01:58	05/30/23 16:14	85-01-8	
Pyrene	<b>0.0057</b> U	mg/kg	0.043	0.0057	1	05/23/23 01:58	05/30/23 16:14	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	52	%	24-98		1	05/23/23 01:58	05/30/23 16:14	4165-60-0	
2-Fluorobiphenyl (S)	46	%	29-101		1	05/23/23 01:58	05/30/23 16:14	321-60-8	
p-Terphenyl-d14 (S)	50	%	29-112		1	05/23/23 01:58	05/30/23 16:14	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.012</b> U	mg/kg	0.069	0.012	1	05/25/23 08:36	05/25/23 11:09	67-64-1	
Benzene	<b>0.0014</b> U	mg/kg	0.0069	0.0014	1	05/25/23 08:36	05/25/23 11:09	71-43-2	
Bromochloromethane	<b>0.0010</b> U	mg/kg	0.0069	0.0010	1	05/25/23 08:36	05/25/23 11:09	74-97-5	
Bromodichloromethane	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/25/23 08:36	05/25/23 11:09	75-27-4	
Bromoform	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/25/23 08:36	05/25/23 11:09	75-25-2	
Bromomethane	<b>0.0025</b> U	mg/kg	0.0069	0.0025	1	05/25/23 08:36	05/25/23 11:09	74-83-9	
2-Butanone (MEK)	<b>0.0069</b> U	mg/kg	0.069	0.0069	1	05/25/23 08:36	05/25/23 11:09	78-93-3	
Carbon disulfide	<b>0.0035</b> U	mg/kg	0.0069	0.0035	1	05/25/23 08:36	05/25/23 11:09	75-15-0	
Carbon tetrachloride	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/25/23 08:36	05/25/23 11:09	56-23-5	
Chlorobenzene	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/25/23 08:36	05/25/23 11:09	108-90-7	
Chloroethane	<b>0.0029</b> U	mg/kg	0.0069	0.0029	1	05/25/23 08:36	05/25/23 11:09	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-9 (0.5-2) Lab ID: 35800857005 Collected: 05/18/23 11:00 Received: 05/19/23 12:04 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								
Chloroform	<b>0.0012</b> U	mg/kg	0.0069	0.0012	1	05/25/23 08:36	05/25/23 11:09	67-66-3	
Chloromethane	<b>0.0012</b> U	mg/kg	0.0069	0.0012	1	05/25/23 08:36	05/25/23 11:09	74-87-3	
Dibromochloromethane	<b>0.0012</b> U	mg/kg	0.0069	0.0012	1	05/25/23 08:36	05/25/23 11:09	124-48-1	
Dibromomethane	<b>0.00098</b> U	mg/kg	0.0069	0.00098	1	05/25/23 08:36	05/25/23 11:09	74-95-3	
1,2-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0069	0.0011	1	05/25/23 08:36	05/25/23 11:09	95-50-1	
1,3-Dichlorobenzene	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/25/23 08:36	05/25/23 11:09	541-73-1	
1,4-Dichlorobenzene	<b>0.00093</b> U	mg/kg	0.0069	0.00093	1	05/25/23 08:36	05/25/23 11:09	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/25/23 08:36	05/25/23 11:09	110-57-6	
1,1-Dichloroethane	<b>0.0014</b> U	mg/kg	0.0069	0.0014	1	05/25/23 08:36	05/25/23 11:09	75-34-3	
1,2-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0069	0.0011	1	05/25/23 08:36	05/25/23 11:09	107-06-2	
1,1-Dichloroethene	<b>0.0035</b> U	mg/kg	0.0069	0.0035	1	05/25/23 08:36	05/25/23 11:09	75-35-4	
cis-1,2-Dichloroethene	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/25/23 08:36	05/25/23 11:09	156-59-2	
trans-1,2-Dichloroethene	<b>0.0018</b> U	mg/kg	0.0069	0.0018	1	05/25/23 08:36	05/25/23 11:09	156-60-5	
1,2-Dichloropropane	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/25/23 08:36	05/25/23 11:09	78-87-5	
1,3-Dichloropropene	<b>0.0035</b> U	mg/kg	0.0069	0.0035	1	05/25/23 08:36	05/25/23 11:09	542-75-6	
Ethylbenzene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/25/23 08:36	05/25/23 11:09	100-41-4	
2-Hexanone	<b>0.0069</b> U	mg/kg	0.035	0.0069	1	05/25/23 08:36	05/25/23 11:09	591-78-6	J(v2)
Isopropylbenzene (Cumene)	<b>0.0018</b> U	mg/kg	0.0069	0.0018	1	05/25/23 08:36	05/25/23 11:09	98-82-8	
Methylene Chloride	<b>0.0061</b> U	mg/kg	0.0069	0.0061	1	05/25/23 08:36	05/25/23 11:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0069</b> U	mg/kg	0.035	0.0069	1	05/25/23 08:36	05/25/23 11:09	108-10-1	
Methyl-tert-butyl ether	<b>0.0021</b> U	mg/kg	0.0069	0.0021	1	05/25/23 08:36	05/25/23 11:09	1634-04-4	
Styrene	<b>0.0035</b> U	mg/kg	0.0069	0.0035	1	05/25/23 08:36	05/25/23 11:09	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00085</b> U	mg/kg	0.0069	0.00085	1	05/25/23 08:36	05/25/23 11:09	79-34-5	
Tetrachloroethene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/25/23 08:36	05/25/23 11:09	127-18-4	
Toluene	<b>0.0011</b> U	mg/kg	0.0069	0.0011	1	05/25/23 08:36	05/25/23 11:09	108-88-3	
1,1,1-Trichloroethane	<b>0.0018</b> U	mg/kg	0.0069	0.0018	1	05/25/23 08:36	05/25/23 11:09	71-55-6	
1,1,2-Trichloroethane	<b>0.00082</b> U	mg/kg	0.0069	0.00082	1	05/25/23 08:36	05/25/23 11:09	79-00-5	
Trichloroethene	<b>0.0017</b> U	mg/kg	0.0069	0.0017	1	05/25/23 08:36	05/25/23 11:09	79-01-6	
Trichlorofluoromethane	<b>0.0035</b> U	mg/kg	0.0069	0.0035	1	05/25/23 08:36	05/25/23 11:09	75-69-4	J(v1)
1,2,4-Trimethylbenzene	<b>0.0015</b> U	mg/kg	0.0069	0.0015	1	05/25/23 08:36	05/25/23 11:09	95-63-6	
Vinyl chloride	<b>0.0013</b> U	mg/kg	0.0069	0.0013	1	05/25/23 08:36	05/25/23 11:09	75-01-4	
Xylene (Total)	<b>0.0071</b> U	mg/kg	0.021	0.0071	1	05/25/23 08:36	05/25/23 11:09	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	68-125		1	05/25/23 08:36	05/25/23 11:09	460-00-4	
Toluene-d8 (S)	95	%	70-130		1	05/25/23 08:36	05/25/23 11:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1	05/25/23 08:36	05/25/23 11:09	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>20.9</b>	%	0.10	0.10	1			05/22/23 08:58	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800857

Sample: SB-16 (0-0.5) Lab ID: 35800857006 Collected: 05/18/23 11:20 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00099 U</b>	mg/kg	0.0099	0.00099	5	05/20/23 16:20	05/28/23 16:38	309-00-2	ED
alpha-BHC	<b>0.00054 U</b>	mg/kg	0.0099	0.00054	5	05/20/23 16:20	05/28/23 16:38	319-84-6	ED
beta-BHC	<b>0.0012 U</b>	mg/kg	0.0099	0.0012	5	05/20/23 16:20	05/28/23 16:38	319-85-7	ED
delta-BHC	<b>0.00051 U</b>	mg/kg	0.0099	0.00051	5	05/20/23 16:20	05/28/23 16:38	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00028 U</b>	mg/kg	0.0099	0.00028	5	05/20/23 16:20	05/28/23 16:38	58-89-9	ED
Chlordane (Technical)	<b>0.030 U</b>	mg/kg	0.099	0.030	5	05/20/23 16:20	05/28/23 16:38	57-74-9	ED
4,4'-DDD	<b>0.00069 I</b>	mg/kg	0.0099	0.00044	5	05/20/23 16:20	05/28/23 16:38	72-54-8	ED
4,4'-DDE	<b>0.00039 U</b>	mg/kg	0.0099	0.00039	5	05/20/23 16:20	05/28/23 16:38	72-55-9	ED
4,4'-DDT	<b>0.00059 U</b>	mg/kg	0.0099	0.00059	5	05/20/23 16:20	05/28/23 16:38	50-29-3	ED
Dieldrin	<b>0.00038 U</b>	mg/kg	0.0099	0.00038	5	05/20/23 16:20	05/28/23 16:38	60-57-1	ED
Endosulfan I	<b>0.0011 U</b>	mg/kg	0.0099	0.0011	5	05/20/23 16:20	05/28/23 16:38	959-98-8	ED
Endosulfan II	<b>0.00044 U</b>	mg/kg	0.0099	0.00044	5	05/20/23 16:20	05/28/23 16:38	33213-65-9	ED
Endosulfan sulfate	<b>0.00039 U</b>	mg/kg	0.0099	0.00039	5	05/20/23 16:20	05/28/23 16:38	1031-07-8	ED
Endrin	<b>0.00062 U</b>	mg/kg	0.0099	0.00062	5	05/20/23 16:20	05/28/23 16:38	72-20-8	ED
Endrin aldehyde	<b>0.00064 U</b>	mg/kg	0.020	0.00064	5	05/20/23 16:20	05/28/23 16:38	7421-93-4	ED
Endrin ketone	<b>0.00046 U</b>	mg/kg	0.0099	0.00046	5	05/20/23 16:20	05/28/23 16:38	53494-70-5	ED
Heptachlor	<b>0.0010 U</b>	mg/kg	0.0099	0.0010	5	05/20/23 16:20	05/28/23 16:38	76-44-8	ED
Heptachlor epoxide	<b>0.00042 U</b>	mg/kg	0.0099	0.00042	5	05/20/23 16:20	05/28/23 16:38	1024-57-3	ED
Methoxychlor	<b>0.0015 U</b>	mg/kg	0.0099	0.0015	5	05/20/23 16:20	05/28/23 16:38	72-43-5	ED
Toxaphene	<b>0.043 U</b>	mg/kg	0.099	0.043	5	05/20/23 16:20	05/28/23 16:38	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	67	%	53-140		5	05/20/23 16:20	05/28/23 16:38	877-09-8	
Decachlorobiphenyl (S)	71	%	43-157		5	05/20/23 16:20	05/28/23 16:38	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>34.9</b>	mg/kg	6.9	5.9	1	05/22/23 15:48	05/24/23 13:59		
<b>Surrogates</b>									
o-Terphenyl (S)	67	%	66-136		1	05/22/23 15:48	05/24/23 13:59	84-15-1	
N-Pentatriacontane (S)	69	%	42-159		1	05/22/23 15:48	05/24/23 13:59	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.5 U</b>	mg/kg	5.0	2.5	5	05/22/23 17:26	05/27/23 02:07	7440-36-0	D3
Arsenic	<b>3.8</b>	mg/kg	3.3	1.7	5	05/22/23 17:26	05/27/23 02:07	7440-38-2	
Beryllium	<b>0.28 I</b>	mg/kg	0.33	0.058	5	05/22/23 17:26	05/27/23 02:07	7440-41-7	D3
Cadmium	<b>0.24 I</b>	mg/kg	0.33	0.17	5	05/22/23 17:26	05/27/23 02:07	7440-43-9	D3
Chromium	<b>17.3</b>	mg/kg	1.7	0.83	5	05/22/23 17:26	05/27/23 02:07	7440-47-3	
Copper	<b>3.6</b>	mg/kg	1.7	0.83	5	05/22/23 17:26	05/27/23 02:07	7440-50-8	
Lead	<b>5.2</b>	mg/kg	3.3	1.7	5	05/22/23 17:26	05/27/23 02:07	7439-92-1	
Nickel	<b>5.3</b>	mg/kg	1.7	0.83	5	05/22/23 17:26	05/27/23 02:07	7440-02-0	
Selenium	<b>2.5 U</b>	mg/kg	5.0	2.5	5	05/22/23 17:26	05/27/23 02:07	7782-49-2	D3
Silver	<b>0.37 U</b>	mg/kg	1.7	0.37	5	05/22/23 17:26	05/27/23 02:07	7440-22-4	D3
Thallium	<b>2.2 U</b>	mg/kg	5.0	2.2	5	05/22/23 17:26	05/27/23 02:07	7440-28-0	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (0-0.5) Lab ID: 35800857006 Collected: 05/18/23 11:20 Received: 05/19/23 12:04 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								
Zinc	<b>13.3 I</b>	mg/kg	33.2	12.0	5	05/22/23 17:26	05/27/23 02:07	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.044</b>	mg/kg	0.011	0.0057	1	05/23/23 07:10	05/25/23 14:41	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.093 U</b>	mg/kg	0.21	0.093	5	05/23/23 01:58	05/30/23 22:32	83-32-9	ED
Acenaphthylene	<b>0.031 U</b>	mg/kg	0.20	0.031	5	05/23/23 01:58	05/30/23 22:32	208-96-8	ED
Anthracene	<b>0.027 U</b>	mg/kg	0.21	0.027	5	05/23/23 01:58	05/30/23 22:32	120-12-7	ED
Benzo(a)anthracene	<b>0.026 U</b>	mg/kg	0.20	0.026	5	05/23/23 01:58	05/30/23 22:32	56-55-3	ED
Benzo(a)pyrene	<b>0.049 U</b>	mg/kg	0.20	0.049	5	05/23/23 01:58	05/30/23 22:32	50-32-8	ED
Benzo(b)fluoranthene	<b>0.052 U</b>	mg/kg	0.20	0.052	5	05/23/23 01:58	05/30/23 22:32	205-99-2	ED
Benzo(g,h,i)perylene	<b>0.049 U</b>	mg/kg	0.20	0.049	5	05/23/23 01:58	05/30/23 22:32	191-24-2	ED
Benzo(k)fluoranthene	<b>0.052 U</b>	mg/kg	0.20	0.052	5	05/23/23 01:58	05/30/23 22:32	207-08-9	ED
Chrysene	<b>0.026 U</b>	mg/kg	0.20	0.026	5	05/23/23 01:58	05/30/23 22:32	218-01-9	ED
Dibenz(a,h)anthracene	<b>0.045 U</b>	mg/kg	0.20	0.045	5	05/23/23 01:58	05/30/23 22:32	53-70-3	ED
Fluoranthene	<b>0.064 U</b>	mg/kg	0.20	0.064	5	05/23/23 01:58	05/30/23 22:32	206-44-0	ED
Fluorene	<b>0.070 U</b>	mg/kg	0.22	0.070	5	05/23/23 01:58	05/30/23 22:32	86-73-7	ED
Indeno(1,2,3-cd)pyrene	<b>0.045 U</b>	mg/kg	0.20	0.045	5	05/23/23 01:58	05/30/23 22:32	193-39-5	ED
1-Methylnaphthalene	<b>0.033 U</b>	mg/kg	0.23	0.033	5	05/23/23 01:58	05/30/23 22:32	90-12-0	ED
2-Methylnaphthalene	<b>0.031 U</b>	mg/kg	0.23	0.031	5	05/23/23 01:58	05/30/23 22:32	91-57-6	ED
Naphthalene	<b>0.070 U</b>	mg/kg	0.20	0.070	5	05/23/23 01:58	05/30/23 22:32	91-20-3	ED
Phenanthrene	<b>0.028 U</b>	mg/kg	0.20	0.028	5	05/23/23 01:58	05/30/23 22:32	85-01-8	ED
Pyrene	<b>0.026 U</b>	mg/kg	0.20	0.026	5	05/23/23 01:58	05/30/23 22:32	129-00-0	ED
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	43	%	24-98		5	05/23/23 01:58	05/30/23 22:32	4165-60-0	
2-Fluorobiphenyl (S)	55	%	29-101		5	05/23/23 01:58	05/30/23 22:32	321-60-8	
p-Terphenyl-d14 (S)	56	%	29-112		5	05/23/23 01:58	05/30/23 22:32	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.013 U</b>	mg/kg	0.073	0.013	1	05/25/23 08:36	05/25/23 11:32	67-64-1	
Benzene	<b>0.0015 U</b>	mg/kg	0.0073	0.0015	1	05/25/23 08:36	05/25/23 11:32	71-43-2	
Bromochloromethane	<b>0.0011 U</b>	mg/kg	0.0073	0.0011	1	05/25/23 08:36	05/25/23 11:32	74-97-5	
Bromodichloromethane	<b>0.0016 U</b>	mg/kg	0.0073	0.0016	1	05/25/23 08:36	05/25/23 11:32	75-27-4	
Bromoform	<b>0.0016 U</b>	mg/kg	0.0073	0.0016	1	05/25/23 08:36	05/25/23 11:32	75-25-2	
Bromomethane	<b>0.0026 U</b>	mg/kg	0.0073	0.0026	1	05/25/23 08:36	05/25/23 11:32	74-83-9	
2-Butanone (MEK)	<b>0.0073 U</b>	mg/kg	0.073	0.0073	1	05/25/23 08:36	05/25/23 11:32	78-93-3	
Carbon disulfide	<b>0.0036 U</b>	mg/kg	0.0073	0.0036	1	05/25/23 08:36	05/25/23 11:32	75-15-0	
Carbon tetrachloride	<b>0.0017 U</b>	mg/kg	0.0073	0.0017	1	05/25/23 08:36	05/25/23 11:32	56-23-5	
Chlorobenzene	<b>0.0014 U</b>	mg/kg	0.0073	0.0014	1	05/25/23 08:36	05/25/23 11:32	108-90-7	
Chloroethane	<b>0.0031 U</b>	mg/kg	0.0073	0.0031	1	05/25/23 08:36	05/25/23 11:32	75-00-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (0-0.5) Lab ID: 35800857006 Collected: 05/18/23 11:20 Received: 05/19/23 12:04 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								
Chloroform	<b>0.0012</b> U	mg/kg	0.0073	0.0012	1	05/25/23 08:36	05/25/23 11:32	67-66-3	
Chloromethane	<b>0.0013</b> U	mg/kg	0.0073	0.0013	1	05/25/23 08:36	05/25/23 11:32	74-87-3	
Dibromochloromethane	<b>0.0013</b> U	mg/kg	0.0073	0.0013	1	05/25/23 08:36	05/25/23 11:32	124-48-1	
Dibromomethane	<b>0.0010</b> U	mg/kg	0.0073	0.0010	1	05/25/23 08:36	05/25/23 11:32	74-95-3	
1,2-Dichlorobenzene	<b>0.0011</b> U	mg/kg	0.0073	0.0011	1	05/25/23 08:36	05/25/23 11:32	95-50-1	
1,3-Dichlorobenzene	<b>0.0013</b> U	mg/kg	0.0073	0.0013	1	05/25/23 08:36	05/25/23 11:32	541-73-1	
1,4-Dichlorobenzene	<b>0.00098</b> U	mg/kg	0.0073	0.00098	1	05/25/23 08:36	05/25/23 11:32	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0017</b> U	mg/kg	0.0073	0.0017	1	05/25/23 08:36	05/25/23 11:32	110-57-6	
1,1-Dichloroethane	<b>0.0014</b> U	mg/kg	0.0073	0.0014	1	05/25/23 08:36	05/25/23 11:32	75-34-3	
1,2-Dichloroethane	<b>0.0011</b> U	mg/kg	0.0073	0.0011	1	05/25/23 08:36	05/25/23 11:32	107-06-2	
1,1-Dichloroethene	<b>0.0036</b> U	mg/kg	0.0073	0.0036	1	05/25/23 08:36	05/25/23 11:32	75-35-4	
cis-1,2-Dichloroethene	<b>0.0016</b> U	mg/kg	0.0073	0.0016	1	05/25/23 08:36	05/25/23 11:32	156-59-2	
trans-1,2-Dichloroethene	<b>0.0019</b> U	mg/kg	0.0073	0.0019	1	05/25/23 08:36	05/25/23 11:32	156-60-5	
1,2-Dichloropropane	<b>0.0013</b> U	mg/kg	0.0073	0.0013	1	05/25/23 08:36	05/25/23 11:32	78-87-5	
1,3-Dichloropropene	<b>0.0036</b> U	mg/kg	0.0073	0.0036	1	05/25/23 08:36	05/25/23 11:32	542-75-6	
Ethylbenzene	<b>0.0017</b> U	mg/kg	0.0073	0.0017	1	05/25/23 08:36	05/25/23 11:32	100-41-4	
2-Hexanone	<b>0.0073</b> U	mg/kg	0.036	0.0073	1	05/25/23 08:36	05/25/23 11:32	591-78-6	J(v2)
Isopropylbenzene (Cumene)	<b>0.0019</b> U	mg/kg	0.0073	0.0019	1	05/25/23 08:36	05/25/23 11:32	98-82-8	
Methylene Chloride	<b>0.0064</b> U	mg/kg	0.0073	0.0064	1	05/25/23 08:36	05/25/23 11:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0073</b> U	mg/kg	0.036	0.0073	1	05/25/23 08:36	05/25/23 11:32	108-10-1	
Methyl-tert-butyl ether	<b>0.0022</b> U	mg/kg	0.0073	0.0022	1	05/25/23 08:36	05/25/23 11:32	1634-04-4	
Styrene	<b>0.0036</b> U	mg/kg	0.0073	0.0036	1	05/25/23 08:36	05/25/23 11:32	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00089</b> U	mg/kg	0.0073	0.00089	1	05/25/23 08:36	05/25/23 11:32	79-34-5	
Tetrachloroethene	<b>0.0017</b> U	mg/kg	0.0073	0.0017	1	05/25/23 08:36	05/25/23 11:32	127-18-4	
Toluene	<b>0.0012</b> U	mg/kg	0.0073	0.0012	1	05/25/23 08:36	05/25/23 11:32	108-88-3	
1,1,1-Trichloroethane	<b>0.0019</b> U	mg/kg	0.0073	0.0019	1	05/25/23 08:36	05/25/23 11:32	71-55-6	
1,1,2-Trichloroethane	<b>0.00086</b> U	mg/kg	0.0073	0.00086	1	05/25/23 08:36	05/25/23 11:32	79-00-5	
Trichloroethene	<b>0.0017</b> U	mg/kg	0.0073	0.0017	1	05/25/23 08:36	05/25/23 11:32	79-01-6	
Trichlorofluoromethane	<b>0.0036</b> U	mg/kg	0.0073	0.0036	1	05/25/23 08:36	05/25/23 11:32	75-69-4	J(v1)
1,2,4-Trimethylbenzene	<b>0.0016</b> U	mg/kg	0.0073	0.0016	1	05/25/23 08:36	05/25/23 11:32	95-63-6	
Vinyl chloride	<b>0.0014</b> U	mg/kg	0.0073	0.0014	1	05/25/23 08:36	05/25/23 11:32	75-01-4	
Xylene (Total)	<b>0.0075</b> U	mg/kg	0.022	0.0075	1	05/25/23 08:36	05/25/23 11:32	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	68-125		1	05/25/23 08:36	05/25/23 11:32	460-00-4	
Toluene-d8 (S)	96	%	70-130		1	05/25/23 08:36	05/25/23 11:32	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1	05/25/23 08:36	05/25/23 11:32	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>14.0</b>	%	0.10	0.10	1			05/22/23 08:58	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800857

Sample: SB-16 (0.5-2) Lab ID: 35800857007 Collected: 05/18/23 11:24 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>		Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Aldrin	<b>0.00017</b> U	mg/kg	0.0017	0.00017	1	05/20/23 16:20	05/28/23 16:51	309-00-2	
alpha-BHC	<b>0.000095</b> U	mg/kg	0.0017	0.000095	1	05/20/23 16:20	05/28/23 16:51	319-84-6	
beta-BHC	<b>0.00021</b> U	mg/kg	0.0017	0.00021	1	05/20/23 16:20	05/28/23 16:51	319-85-7	
delta-BHC	<b>0.000089</b> U	mg/kg	0.0017	0.000089	1	05/20/23 16:20	05/28/23 16:51	319-86-8	
gamma-BHC (Lindane)	<b>0.000050</b> U	mg/kg	0.0017	0.000050	1	05/20/23 16:20	05/28/23 16:51	58-89-9	
Chlordane (Technical)	<b>0.0052</b> U	mg/kg	0.017	0.0052	1	05/20/23 16:20	05/28/23 16:51	57-74-9	
4,4'-DDD	<b>0.000078</b> U	mg/kg	0.0017	0.000078	1	05/20/23 16:20	05/28/23 16:51	72-54-8	
4,4'-DDE	<b>0.000068</b> U	mg/kg	0.0017	0.000068	1	05/20/23 16:20	05/28/23 16:51	72-55-9	
4,4'-DDT	<b>0.00010</b> U	mg/kg	0.0017	0.00010	1	05/20/23 16:20	05/28/23 16:51	50-29-3	
Dieldrin	<b>0.000066</b> U	mg/kg	0.0017	0.000066	1	05/20/23 16:20	05/28/23 16:51	60-57-1	
Endosulfan I	<b>0.00019</b> U	mg/kg	0.0017	0.00019	1	05/20/23 16:20	05/28/23 16:51	959-98-8	
Endosulfan II	<b>0.000078</b> U	mg/kg	0.0017	0.000078	1	05/20/23 16:20	05/28/23 16:51	33213-65-9	
Endosulfan sulfate	<b>0.000068</b> U	mg/kg	0.0017	0.000068	1	05/20/23 16:20	05/28/23 16:51	1031-07-8	
Endrin	<b>0.00011</b> U	mg/kg	0.0017	0.00011	1	05/20/23 16:20	05/28/23 16:51	72-20-8	
Endrin aldehyde	<b>0.00011</b> U	mg/kg	0.0035	0.00011	1	05/20/23 16:20	05/28/23 16:51	7421-93-4	
Endrin ketone	<b>0.000081</b> U	mg/kg	0.0017	0.000081	1	05/20/23 16:20	05/28/23 16:51	53494-70-5	
Heptachlor	<b>0.00018</b> U	mg/kg	0.0017	0.00018	1	05/20/23 16:20	05/28/23 16:51	76-44-8	
Heptachlor epoxide	<b>0.000075</b> U	mg/kg	0.0017	0.000075	1	05/20/23 16:20	05/28/23 16:51	1024-57-3	
Methoxychlor	<b>0.00026</b> U	mg/kg	0.0017	0.00026	1	05/20/23 16:20	05/28/23 16:51	72-43-5	
Toxaphene	<b>0.0075</b> U	mg/kg	0.017	0.0075	1	05/20/23 16:20	05/28/23 16:51	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	93	%	53-140		1	05/20/23 16:20	05/28/23 16:51	877-09-8	
Decachlorobiphenyl (S)	86	%	43-157		1	05/20/23 16:20	05/28/23 16:51	2051-24-3	
<b>FL-PRO Soil Microwave</b>		Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Petroleum Range Organics	<b>8.8</b> U	mg/kg	10.2	8.8	1	05/22/23 15:48	05/24/23 14:30		P1
<b>Surrogates</b>									
o-Terphenyl (S)	81	%	66-136		1	05/22/23 15:48	05/24/23 14:30	84-15-1	
N-Pentatriacontane (S)	80	%	42-159		1	05/22/23 15:48	05/24/23 14:30	630-07-09	
<b>6010 MET ICP</b>		Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach							
Antimony	<b>2.1</b> U	mg/kg	4.1	2.1	5	05/22/23 17:26	05/27/23 02:11	7440-36-0	D3
Arsenic	<b>4.4</b>	mg/kg	2.7	1.4	5	05/22/23 17:26	05/27/23 02:11	7440-38-2	
Beryllium	<b>0.16</b> I	mg/kg	0.27	0.048	5	05/22/23 17:26	05/27/23 02:11	7440-41-7	D3
Cadmium	<b>0.14</b> I	mg/kg	0.27	0.14	5	05/22/23 17:26	05/27/23 02:11	7440-43-9	D3

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (0.5-2) Lab ID: 35800857007 Collected: 05/18/23 11:24 Received: 05/19/23 12:04 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								
Chromium	<b>13.7</b>	mg/kg	1.4	0.68	5	05/22/23 17:26	05/27/23 02:11	7440-47-3	
Copper	<b>1.5</b>	mg/kg	1.4	0.68	5	05/22/23 17:26	05/27/23 02:11	7440-50-8	D3
Lead	<b>2.1 I</b>	mg/kg	2.7	1.4	5	05/22/23 17:26	05/27/23 02:11	7439-92-1	
Nickel	<b>5.1</b>	mg/kg	1.4	0.68	5	05/22/23 17:26	05/27/23 02:11	7440-02-0	
Selenium	<b>2.1 U</b>	mg/kg	4.1	2.1	5	05/22/23 17:26	05/27/23 02:11	7782-49-2	
Silver	<b>0.30 U</b>	mg/kg	1.4	0.30	5	05/22/23 17:26	05/27/23 02:11	7440-22-4	D3
Thallium	<b>1.8 U</b>	mg/kg	4.1	1.8	5	05/22/23 17:26	05/27/23 02:11	7440-28-0	D3
Zinc	<b>9.8 U</b>	mg/kg	27.3	9.8	5	05/22/23 17:26	05/27/23 02:11	7440-66-6	
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.017</b>	mg/kg	0.0097	0.0048	1	05/23/23 07:10	05/25/23 14:43	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.098 U</b>	mg/kg	0.22	0.098	1	05/23/23 01:58	05/30/23 16:39	83-32-9	P1
Acenaphthylene	<b>0.032 U</b>	mg/kg	0.21	0.032	1	05/23/23 01:58	05/30/23 16:39	208-96-8	P1
Anthracene	<b>0.028 U</b>	mg/kg	0.22	0.028	1	05/23/23 01:58	05/30/23 16:39	120-12-7	P1
Benzo(a)anthracene	<b>0.028 U</b>	mg/kg	0.21	0.028	1	05/23/23 01:58	05/30/23 16:39	56-55-3	P1
Benzo(a)pyrene	<b>0.051 U</b>	mg/kg	0.21	0.051	1	05/23/23 01:58	05/30/23 16:39	50-32-8	P1
Benzo(b)fluoranthene	<b>0.055 U</b>	mg/kg	0.21	0.055	1	05/23/23 01:58	05/30/23 16:39	205-99-2	P1
Benzo(g,h,i)perylene	<b>0.052 U</b>	mg/kg	0.21	0.052	1	05/23/23 01:58	05/30/23 16:39	191-24-2	P1
Benzo(k)fluoranthene	<b>0.055 U</b>	mg/kg	0.21	0.055	1	05/23/23 01:58	05/30/23 16:39	207-08-9	P1
Chrysene	<b>0.028 U</b>	mg/kg	0.21	0.028	1	05/23/23 01:58	05/30/23 16:39	218-01-9	P1
Dibenz(a,h)anthracene	<b>0.048 U</b>	mg/kg	0.21	0.048	1	05/23/23 01:58	05/30/23 16:39	53-70-3	P1
Fluoranthene	<b>0.067 U</b>	mg/kg	0.21	0.067	1	05/23/23 01:58	05/30/23 16:39	206-44-0	P1
Fluorene	<b>0.074 U</b>	mg/kg	0.23	0.074	1	05/23/23 01:58	05/30/23 16:39	86-73-7	P1
Indeno(1,2,3-cd)pyrene	<b>0.047 U</b>	mg/kg	0.21	0.047	1	05/23/23 01:58	05/30/23 16:39	193-39-5	P1
1-Methylnaphthalene	<b>0.034 U</b>	mg/kg	0.25	0.034	1	05/23/23 01:58	05/30/23 16:39	90-12-0	P1
2-Methylnaphthalene	<b>0.032 U</b>	mg/kg	0.24	0.032	1	05/23/23 01:58	05/30/23 16:39	91-57-6	P1
Naphthalene	<b>0.074 U</b>	mg/kg	0.21	0.074	1	05/23/23 01:58	05/30/23 16:39	91-20-3	P1
Phenanthrene	<b>0.029 U</b>	mg/kg	0.21	0.029	1	05/23/23 01:58	05/30/23 16:39	85-01-8	P1
Pyrene	<b>0.028 U</b>	mg/kg	0.21	0.028	1	05/23/23 01:58	05/30/23 16:39	129-00-0	P1
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	58	%	24-98		1	05/23/23 01:58	05/30/23 16:39	4165-60-0	
2-Fluorobiphenyl (S)	62	%	29-101		1	05/23/23 01:58	05/30/23 16:39	321-60-8	
p-Terphenyl-d14 (S)	67	%	29-112		1	05/23/23 01:58	05/30/23 16:39	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.0080 U</b>	mg/kg	0.045	0.0080	1	05/25/23 08:36	05/25/23 11:56	67-64-1	
Benzene	<b>0.00089 U</b>	mg/kg	0.0045	0.00089	1	05/25/23 08:36	05/25/23 11:56	71-43-2	
Bromochloromethane	<b>0.00066 U</b>	mg/kg	0.0045	0.00066	1	05/25/23 08:36	05/25/23 11:56	74-97-5	
Bromodichloromethane	<b>0.00098 U</b>	mg/kg	0.0045	0.00098	1	05/25/23 08:36	05/25/23 11:56	75-27-4	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (0.5-2) Lab ID: 35800857007 Collected: 05/18/23 11:24 Received: 05/19/23 12:04 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								
Bromoform	<b>0.00098</b> U	mg/kg	0.0045	0.00098	1	05/25/23 08:36	05/25/23 11:56	75-25-2	
Bromomethane	<b>0.0016</b> U	mg/kg	0.0045	0.0016	1	05/25/23 08:36	05/25/23 11:56	74-83-9	
2-Butanone (MEK)	<b>0.0045</b> U	mg/kg	0.045	0.0045	1	05/25/23 08:36	05/25/23 11:56	78-93-3	
Carbon disulfide	<b>0.0022</b> U	mg/kg	0.0045	0.0022	1	05/25/23 08:36	05/25/23 11:56	75-15-0	
Carbon tetrachloride	<b>0.0011</b> U	mg/kg	0.0045	0.0011	1	05/25/23 08:36	05/25/23 11:56	56-23-5	
Chlorobenzene	<b>0.00083</b> U	mg/kg	0.0045	0.00083	1	05/25/23 08:36	05/25/23 11:56	108-90-7	
Chloroethane	<b>0.0019</b> U	mg/kg	0.0045	0.0019	1	05/25/23 08:36	05/25/23 11:56	75-00-3	
Chloroform	<b>0.00075</b> U	mg/kg	0.0045	0.00075	1	05/25/23 08:36	05/25/23 11:56	67-66-3	
Chloromethane	<b>0.00080</b> U	mg/kg	0.0045	0.00080	1	05/25/23 08:36	05/25/23 11:56	74-87-3	
Dibromochloromethane	<b>0.00078</b> U	mg/kg	0.0045	0.00078	1	05/25/23 08:36	05/25/23 11:56	124-48-1	
Dibromomethane	<b>0.00064</b> U	mg/kg	0.0045	0.00064	1	05/25/23 08:36	05/25/23 11:56	74-95-3	
1,2-Dichlorobenzene	<b>0.00068</b> U	mg/kg	0.0045	0.00068	1	05/25/23 08:36	05/25/23 11:56	95-50-1	
1,3-Dichlorobenzene	<b>0.00081</b> U	mg/kg	0.0045	0.00081	1	05/25/23 08:36	05/25/23 11:56	541-73-1	
1,4-Dichlorobenzene	<b>0.00060</b> U	mg/kg	0.0045	0.00060	1	05/25/23 08:36	05/25/23 11:56	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0011</b> U	mg/kg	0.0045	0.0011	1	05/25/23 08:36	05/25/23 11:56	110-57-6	
1,1-Dichloroethane	<b>0.00088</b> U	mg/kg	0.0045	0.00088	1	05/25/23 08:36	05/25/23 11:56	75-34-3	
1,2-Dichloroethane	<b>0.00069</b> U	mg/kg	0.0045	0.00069	1	05/25/23 08:36	05/25/23 11:56	107-06-2	
1,1-Dichloroethene	<b>0.0022</b> U	mg/kg	0.0045	0.0022	1	05/25/23 08:36	05/25/23 11:56	75-35-4	
cis-1,2-Dichloroethene	<b>0.00098</b> U	mg/kg	0.0045	0.00098	1	05/25/23 08:36	05/25/23 11:56	156-59-2	
trans-1,2-Dichloroethene	<b>0.0012</b> U	mg/kg	0.0045	0.0012	1	05/25/23 08:36	05/25/23 11:56	156-60-5	
1,2-Dichloropropane	<b>0.00082</b> U	mg/kg	0.0045	0.00082	1	05/25/23 08:36	05/25/23 11:56	78-87-5	
1,3-Dichloropropene	<b>0.0022</b> U	mg/kg	0.0045	0.0022	1	05/25/23 08:36	05/25/23 11:56	542-75-6	
Ethylbenzene	<b>0.0011</b> U	mg/kg	0.0045	0.0011	1	05/25/23 08:36	05/25/23 11:56	100-41-4	
2-Hexanone	<b>0.0045</b> U	mg/kg	0.022	0.0045	1	05/25/23 08:36	05/25/23 11:56	591-78-6	J(v2)
Isopropylbenzene (Cumene)	<b>0.0012</b> U	mg/kg	0.0045	0.0012	1	05/25/23 08:36	05/25/23 11:56	98-82-8	
Methylene Chloride	<b>0.0039</b> U	mg/kg	0.0045	0.0039	1	05/25/23 08:36	05/25/23 11:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0045</b> U	mg/kg	0.022	0.0045	1	05/25/23 08:36	05/25/23 11:56	108-10-1	
Methyl-tert-butyl ether	<b>0.0013</b> U	mg/kg	0.0045	0.0013	1	05/25/23 08:36	05/25/23 11:56	1634-04-4	
Styrene	<b>0.0022</b> U	mg/kg	0.0045	0.0022	1	05/25/23 08:36	05/25/23 11:56	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00055</b> U	mg/kg	0.0045	0.00055	1	05/25/23 08:36	05/25/23 11:56	79-34-5	
Tetrachloroethene	<b>0.0011</b> U	mg/kg	0.0045	0.0011	1	05/25/23 08:36	05/25/23 11:56	127-18-4	
Toluene	<b>0.00072</b> U	mg/kg	0.0045	0.00072	1	05/25/23 08:36	05/25/23 11:56	108-88-3	
1,1,1-Trichloroethane	<b>0.0012</b> U	mg/kg	0.0045	0.0012	1	05/25/23 08:36	05/25/23 11:56	71-55-6	
1,1,2-Trichloroethane	<b>0.00053</b> U	mg/kg	0.0045	0.00053	1	05/25/23 08:36	05/25/23 11:56	79-00-5	
Trichloroethene	<b>0.0011</b> U	mg/kg	0.0045	0.0011	1	05/25/23 08:36	05/25/23 11:56	79-01-6	
Trichlorofluoromethane	<b>0.0022</b> U	mg/kg	0.0045	0.0022	1	05/25/23 08:36	05/25/23 11:56	75-69-4	J(v1)
1,2,4-Trimethylbenzene	<b>0.00098</b> U	mg/kg	0.0045	0.00098	1	05/25/23 08:36	05/25/23 11:56	95-63-6	
Vinyl chloride	<b>0.00083</b> U	mg/kg	0.0045	0.00083	1	05/25/23 08:36	05/25/23 11:56	75-01-4	
Xylene (Total)	<b>0.0046</b> U	mg/kg	0.013	0.0046	1	05/25/23 08:36	05/25/23 11:56	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	68-125		1	05/25/23 08:36	05/25/23 11:56	460-00-4	
Toluene-d8 (S)	94	%	70-130		1	05/25/23 08:36	05/25/23 11:56	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	05/25/23 08:36	05/25/23 11:56	2199-69-1	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

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Sample: SB-16 (0.5-2)      Lab ID: 35800857007      Collected: 05/18/23 11:24      Received: 05/19/23 12:04      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>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	2.3	%	0.10	0.10	1		05/22/23 11:48		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (2-3) Lab ID: 35800857008 Collected: 05/18/23 11:28 Received: 05/19/23 12:04 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>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.00043</b> U	mg/kg	0.0043	0.00043	2	05/20/23 16:20	05/28/23 17:04	309-00-2	ED
alpha-BHC	<b>0.00024</b> U	mg/kg	0.0043	0.00024	2	05/20/23 16:20	05/28/23 17:04	319-84-6	ED
beta-BHC	<b>0.00052</b> U	mg/kg	0.0043	0.00052	2	05/20/23 16:20	05/28/23 17:04	319-85-7	ED
delta-BHC	<b>0.00022</b> U	mg/kg	0.0043	0.00022	2	05/20/23 16:20	05/28/23 17:04	319-86-8	ED
gamma-BHC (Lindane)	<b>0.00013</b> U	mg/kg	0.0043	0.00013	2	05/20/23 16:20	05/28/23 17:04	58-89-9	ED
Chlordane (Technical)	<b>0.013</b> U	mg/kg	0.043	0.013	2	05/20/23 16:20	05/28/23 17:04	57-74-9	ED
4,4'-DDD	<b>0.00019</b> U	mg/kg	0.0043	0.00019	2	05/20/23 16:20	05/28/23 17:04	72-54-8	ED
4,4'-DDE	<b>0.00017</b> U	mg/kg	0.0043	0.00017	2	05/20/23 16:20	05/28/23 17:04	72-55-9	ED
4,4'-DDT	<b>0.00026</b> U	mg/kg	0.0043	0.00026	2	05/20/23 16:20	05/28/23 17:04	50-29-3	ED
Dieldrin	<b>0.00017</b> U	mg/kg	0.0043	0.00017	2	05/20/23 16:20	05/28/23 17:04	60-57-1	ED
Endosulfan I	<b>0.00049</b> U	mg/kg	0.0043	0.00049	2	05/20/23 16:20	05/28/23 17:04	959-98-8	ED
Endosulfan II	<b>0.00019</b> U	mg/kg	0.0043	0.00019	2	05/20/23 16:20	05/28/23 17:04	33213-65-9	ED
Endosulfan sulfate	<b>0.00017</b> U	mg/kg	0.0043	0.00017	2	05/20/23 16:20	05/28/23 17:04	1031-07-8	ED
Endrin	<b>0.00027</b> U	mg/kg	0.0043	0.00027	2	05/20/23 16:20	05/28/23 17:04	72-20-8	ED
Endrin aldehyde	<b>0.00028</b> U	mg/kg	0.0087	0.00028	2	05/20/23 16:20	05/28/23 17:04	7421-93-4	ED
Endrin ketone	<b>0.00020</b> U	mg/kg	0.0043	0.00020	2	05/20/23 16:20	05/28/23 17:04	53494-70-5	ED
Heptachlor	<b>0.00046</b> U	mg/kg	0.0043	0.00046	2	05/20/23 16:20	05/28/23 17:04	76-44-8	ED
Heptachlor epoxide	<b>0.00019</b> U	mg/kg	0.0043	0.00019	2	05/20/23 16:20	05/28/23 17:04	1024-57-3	ED
Methoxychlor	<b>0.00064</b> U	mg/kg	0.0043	0.00064	2	05/20/23 16:20	05/28/23 17:04	72-43-5	ED
Toxaphene	<b>0.019</b> U	mg/kg	0.043	0.019	2	05/20/23 16:20	05/28/23 17:04	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	96	%	53-140		2	05/20/23 16:20	05/28/23 17:04	877-09-8	
Decachlorobiphenyl (S)	79	%	43-157		2	05/20/23 16:20	05/28/23 17:04	2051-24-3	
<b>FL-PRO Soil Microwave</b>	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>45.8</b>	mg/kg	7.6	6.5	1	05/22/23 15:48	05/24/23 14:45		
<b>Surrogates</b>									
o-Terphenyl (S)	83	%	66-136		1	05/22/23 15:48	05/24/23 14:45	84-15-1	
N-Pentatriacontane (S)	83	%	42-159		1	05/22/23 15:48	05/24/23 14:45	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3050 Pace Analytical Services - Ormond Beach								
Antimony	<b>2.4</b> U	mg/kg	4.9	2.4	5	05/22/23 17:26	05/27/23 02:16	7440-36-0	D3
Arsenic	<b>3.5</b>	mg/kg	3.3	1.6	5	05/22/23 17:26	05/27/23 02:16	7440-38-2	
Beryllium	<b>0.091</b> I	mg/kg	0.33	0.057	5	05/22/23 17:26	05/27/23 02:16	7440-41-7	D3
Cadmium	<b>0.16</b> U	mg/kg	0.33	0.16	5	05/22/23 17:26	05/27/23 02:16	7440-43-9	D3
Chromium	<b>8.3</b>	mg/kg	1.6	0.82	5	05/22/23 17:26	05/27/23 02:16	7440-47-3	
Copper	<b>3.8</b>	mg/kg	1.6	0.82	5	05/22/23 17:26	05/27/23 02:16	7440-50-8	
Lead	<b>3.2</b> I	mg/kg	3.3	1.6	5	05/22/23 17:26	05/27/23 02:16	7439-92-1	
Nickel	<b>4.6</b>	mg/kg	1.6	0.82	5	05/22/23 17:26	05/27/23 02:16	7440-02-0	
Selenium	<b>2.4</b> U	mg/kg	4.9	2.4	5	05/22/23 17:26	05/27/23 02:16	7782-49-2	D3
Silver	<b>0.36</b> U	mg/kg	1.6	0.36	5	05/22/23 17:26	05/27/23 02:16	7440-22-4	D3
Thallium	<b>2.2</b> U	mg/kg	4.9	2.2	5	05/22/23 17:26	05/27/23 02:16	7440-28-0	D3

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (2-3) Lab ID: 35800857008 Collected: 05/18/23 11:28 Received: 05/19/23 12:04 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								
Zinc	<b>11.7 U</b>	mg/kg	32.6	11.7	5	05/22/23 17:26	05/27/23 02:16	7440-66-6	D3
<b>7471 Mercury</b>	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.036</b>	mg/kg	0.012	0.0061	1	05/23/23 07:10	05/25/23 14:46	7439-97-6	
<b>8270 Solid PAH</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.020 U</b>	mg/kg	0.046	0.020	1	05/23/23 01:58	05/30/23 17:04	83-32-9	
Acenaphthylene	<b>0.0068 U</b>	mg/kg	0.043	0.0068	1	05/23/23 01:58	05/30/23 17:04	208-96-8	
Anthracene	<b>0.0059 U</b>	mg/kg	0.046	0.0059	1	05/23/23 01:58	05/30/23 17:04	120-12-7	
Benzo(a)anthracene	<b>0.0058 U</b>	mg/kg	0.043	0.0058	1	05/23/23 01:58	05/30/23 17:04	56-55-3	
Benzo(a)pyrene	<b>0.011 U</b>	mg/kg	0.043	0.011	1	05/23/23 01:58	05/30/23 17:04	50-32-8	
Benzo(b)fluoranthene	<b>0.012 U</b>	mg/kg	0.043	0.012	1	05/23/23 01:58	05/30/23 17:04	205-99-2	
Benzo(g,h,i)perylene	<b>0.011 U</b>	mg/kg	0.043	0.011	1	05/23/23 01:58	05/30/23 17:04	191-24-2	
Benzo(k)fluoranthene	<b>0.012 U</b>	mg/kg	0.043	0.012	1	05/23/23 01:58	05/30/23 17:04	207-08-9	
Chrysene	<b>0.0058 U</b>	mg/kg	0.043	0.0058	1	05/23/23 01:58	05/30/23 17:04	218-01-9	
Dibenz(a,h)anthracene	<b>0.010 U</b>	mg/kg	0.043	0.010	1	05/23/23 01:58	05/30/23 17:04	53-70-3	
Fluoranthene	<b>0.014 U</b>	mg/kg	0.043	0.014	1	05/23/23 01:58	05/30/23 17:04	206-44-0	
Fluorene	<b>0.015 U</b>	mg/kg	0.047	0.015	1	05/23/23 01:58	05/30/23 17:04	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.0098 U</b>	mg/kg	0.043	0.0098	1	05/23/23 01:58	05/30/23 17:04	193-39-5	
1-Methylnaphthalene	<b>0.0072 U</b>	mg/kg	0.051	0.0072	1	05/23/23 01:58	05/30/23 17:04	90-12-0	
2-Methylnaphthalene	<b>0.0068 U</b>	mg/kg	0.050	0.0068	1	05/23/23 01:58	05/30/23 17:04	91-57-6	
Naphthalene	<b>0.015 U</b>	mg/kg	0.045	0.015	1	05/23/23 01:58	05/30/23 17:04	91-20-3	
Phenanthrene	<b>0.0061 U</b>	mg/kg	0.043	0.0061	1	05/23/23 01:58	05/30/23 17:04	85-01-8	
Pyrene	<b>0.015 I</b>	mg/kg	0.043	0.0058	1	05/23/23 01:58	05/30/23 17:04	129-00-0	
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	54	%	24-98		1	05/23/23 01:58	05/30/23 17:04	4165-60-0	
2-Fluorobiphenyl (S)	66	%	29-101		1	05/23/23 01:58	05/30/23 17:04	321-60-8	
p-Terphenyl-d14 (S)	68	%	29-112		1	05/23/23 01:58	05/30/23 17:04	1718-51-0	
<b>8260 MSV 5035</b>	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	<b>0.16</b>	mg/kg	0.064	0.011	1	05/25/23 08:36	05/25/23 12:19	67-64-1	
Benzene	<b>0.0013 U</b>	mg/kg	0.0064	0.0013	1	05/25/23 08:36	05/25/23 12:19	71-43-2	
Bromochloromethane	<b>0.00094 U</b>	mg/kg	0.0064	0.00094	1	05/25/23 08:36	05/25/23 12:19	74-97-5	
Bromodichloromethane	<b>0.0014 U</b>	mg/kg	0.0064	0.0014	1	05/25/23 08:36	05/25/23 12:19	75-27-4	
Bromoform	<b>0.0014 U</b>	mg/kg	0.0064	0.0014	1	05/25/23 08:36	05/25/23 12:19	75-25-2	
Bromomethane	<b>0.0023 U</b>	mg/kg	0.0064	0.0023	1	05/25/23 08:36	05/25/23 12:19	74-83-9	
2-Butanone (MEK)	<b>0.028 I</b>	mg/kg	0.064	0.0064	1	05/25/23 08:36	05/25/23 12:19	78-93-3	
Carbon disulfide	<b>0.0032 U</b>	mg/kg	0.0064	0.0032	1	05/25/23 08:36	05/25/23 12:19	75-15-0	
Carbon tetrachloride	<b>0.0015 U</b>	mg/kg	0.0064	0.0015	1	05/25/23 08:36	05/25/23 12:19	56-23-5	
Chlorobenzene	<b>0.0012 U</b>	mg/kg	0.0064	0.0012	1	05/25/23 08:36	05/25/23 12:19	108-90-7	
Chloroethane	<b>0.0027 U</b>	mg/kg	0.0064	0.0027	1	05/25/23 08:36	05/25/23 12:19	75-00-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Sample: SB-16 (2-3) Lab ID: 35800857008 Collected: 05/18/23 11:28 Received: 05/19/23 12:04 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								
Chloroform	<b>0.0011</b> U	mg/kg	0.0064	0.0011	1	05/25/23 08:36	05/25/23 12:19	67-66-3	
Chloromethane	<b>0.0011</b> U	mg/kg	0.0064	0.0011	1	05/25/23 08:36	05/25/23 12:19	74-87-3	
Dibromochloromethane	<b>0.0011</b> U	mg/kg	0.0064	0.0011	1	05/25/23 08:36	05/25/23 12:19	124-48-1	
Dibromomethane	<b>0.00090</b> U	mg/kg	0.0064	0.00090	1	05/25/23 08:36	05/25/23 12:19	74-95-3	
1,2-Dichlorobenzene	<b>0.00097</b> U	mg/kg	0.0064	0.00097	1	05/25/23 08:36	05/25/23 12:19	95-50-1	
1,3-Dichlorobenzene	<b>0.0012</b> U	mg/kg	0.0064	0.0012	1	05/25/23 08:36	05/25/23 12:19	541-73-1	
1,4-Dichlorobenzene	<b>0.00085</b> U	mg/kg	0.0064	0.00085	1	05/25/23 08:36	05/25/23 12:19	106-46-7	
trans-1,4-Dichloro-2-butene	<b>0.0015</b> U	mg/kg	0.0064	0.0015	1	05/25/23 08:36	05/25/23 12:19	110-57-6	
1,1-Dichloroethane	<b>0.0012</b> U	mg/kg	0.0064	0.0012	1	05/25/23 08:36	05/25/23 12:19	75-34-3	
1,2-Dichloroethane	<b>0.00098</b> U	mg/kg	0.0064	0.00098	1	05/25/23 08:36	05/25/23 12:19	107-06-2	
1,1-Dichloroethene	<b>0.0032</b> U	mg/kg	0.0064	0.0032	1	05/25/23 08:36	05/25/23 12:19	75-35-4	
cis-1,2-Dichloroethene	<b>0.0014</b> U	mg/kg	0.0064	0.0014	1	05/25/23 08:36	05/25/23 12:19	156-59-2	
trans-1,2-Dichloroethene	<b>0.0017</b> U	mg/kg	0.0064	0.0017	1	05/25/23 08:36	05/25/23 12:19	156-60-5	
1,2-Dichloropropane	<b>0.0012</b> U	mg/kg	0.0064	0.0012	1	05/25/23 08:36	05/25/23 12:19	78-87-5	
1,3-Dichloropropene	<b>0.0032</b> U	mg/kg	0.0064	0.0032	1	05/25/23 08:36	05/25/23 12:19	542-75-6	
Ethylbenzene	<b>0.0015</b> U	mg/kg	0.0064	0.0015	1	05/25/23 08:36	05/25/23 12:19	100-41-4	
2-Hexanone	<b>0.0064</b> U	mg/kg	0.032	0.0064	1	05/25/23 08:36	05/25/23 12:19	591-78-6	J(v2)
Isopropylbenzene (Cumene)	<b>0.0017</b> U	mg/kg	0.0064	0.0017	1	05/25/23 08:36	05/25/23 12:19	98-82-8	
Methylene Chloride	<b>0.0056</b> U	mg/kg	0.0064	0.0056	1	05/25/23 08:36	05/25/23 12:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>0.0064</b> U	mg/kg	0.032	0.0064	1	05/25/23 08:36	05/25/23 12:19	108-10-1	
Methyl-tert-butyl ether	<b>0.0019</b> U	mg/kg	0.0064	0.0019	1	05/25/23 08:36	05/25/23 12:19	1634-04-4	
Styrene	<b>0.0032</b> U	mg/kg	0.0064	0.0032	1	05/25/23 08:36	05/25/23 12:19	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.00078</b> U	mg/kg	0.0064	0.00078	1	05/25/23 08:36	05/25/23 12:19	79-34-5	
Tetrachloroethene	<b>0.0015</b> U	mg/kg	0.0064	0.0015	1	05/25/23 08:36	05/25/23 12:19	127-18-4	
Toluene	<b>0.0010</b> U	mg/kg	0.0064	0.0010	1	05/25/23 08:36	05/25/23 12:19	108-88-3	
1,1,1-Trichloroethane	<b>0.0017</b> U	mg/kg	0.0064	0.0017	1	05/25/23 08:36	05/25/23 12:19	71-55-6	
1,1,2-Trichloroethane	<b>0.00075</b> U	mg/kg	0.0064	0.00075	1	05/25/23 08:36	05/25/23 12:19	79-00-5	
Trichloroethene	<b>0.0015</b> U	mg/kg	0.0064	0.0015	1	05/25/23 08:36	05/25/23 12:19	79-01-6	
Trichlorofluoromethane	<b>0.0032</b> U	mg/kg	0.0064	0.0032	1	05/25/23 08:36	05/25/23 12:19	75-69-4	J(v1)
1,2,4-Trimethylbenzene	<b>0.0014</b> U	mg/kg	0.0064	0.0014	1	05/25/23 08:36	05/25/23 12:19	95-63-6	
Vinyl chloride	<b>0.0012</b> U	mg/kg	0.0064	0.0012	1	05/25/23 08:36	05/25/23 12:19	75-01-4	
Xylene (Total)	<b>0.0065</b> U	mg/kg	0.019	0.0065	1	05/25/23 08:36	05/25/23 12:19	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	68-125		1	05/25/23 08:36	05/25/23 12:19	460-00-4	
Toluene-d8 (S)	95	%	70-130		1	05/25/23 08:36	05/25/23 12:19	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1	05/25/23 08:36	05/25/23 12:19	2199-69-1	
<b>Percent Moisture</b>	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	<b>22.1</b>	%	0.10	0.10	1			05/22/23 11:48	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919739

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857001, 35800857002

METHOD BLANK: 5057958

Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.0048 U	0.0096	0.0048	05/25/23 07:51	

LABORATORY CONTROL SAMPLE: 5057959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.091	0.087	95	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057960                            5057961

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.044	0.14	0.14	0.19	0.15	110	79	80-120	24	20 J(M1), J(R1)

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919740

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

METHOD BLANK: 5057962

Matrix: Solid

Associated Lab Samples: 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.0044 U	0.0088	0.0044	05/25/23 13:37	

LABORATORY CONTROL SAMPLE: 5057963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.086	0.087	102	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057964                            5057965

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.014	0.091	0.088	0.11	0.10	103	102	80-120	4	20

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919813 Analysis Method: EPA 6010

QC Batch Method: EPA 3050 Analysis Description: 6010 MET Solid

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

METHOD BLANK: 5058258 Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank		Reporting		Qualifiers
		Result	Limit	MDL	Analyzed	
Antimony	mg/kg	0.38 U	0.76	0.38	05/27/23 03:28	
Arsenic	mg/kg	0.25 U	0.51	0.25	05/25/23 10:59	
Beryllium	mg/kg	0.0089 U	0.051	0.0089	05/25/23 10:59	
Cadmium	mg/kg	0.025 U	0.051	0.025	05/25/23 10:59	
Chromium	mg/kg	0.13 U	0.25	0.13	05/25/23 10:59	
Copper	mg/kg	0.13 U	0.25	0.13	05/25/23 10:59	
Lead	mg/kg	0.25 U	0.51	0.25	05/25/23 10:59	
Nickel	mg/kg	0.13 U	0.25	0.13	05/25/23 10:59	
Selenium	mg/kg	0.38 U	0.76	0.38	05/25/23 10:59	
Silver	mg/kg	0.056 U	0.25	0.056	05/25/23 10:59	
Thallium	mg/kg	0.33 U	0.76	0.33	05/27/23 03:28	
Zinc	mg/kg	1.8 U	5.1	1.8	05/25/23 10:59	

LABORATORY CONTROL SAMPLE: 5058259

Parameter	Units	Spike		LCS		% Rec Limits	Qualifiers
		Conc.	Result	% Rec	Result		
Antimony	mg/kg	14.9	15.7	105	80-120		
Arsenic	mg/kg	14.9	14.2	95	80-120		
Beryllium	mg/kg	1.5	1.4	97	80-120		
Cadmium	mg/kg	1.5	1.5	103	80-120		
Chromium	mg/kg	14.9	15.8	106	80-120		
Copper	mg/kg	14.9	15.1	101	80-120		
Lead	mg/kg	14.9	15.7	105	80-120		
Nickel	mg/kg	14.9	16.0	107	80-120		
Selenium	mg/kg	14.9	13.4	89	80-120		
Silver	mg/kg	1.5	1.5	99	80-120		
Thallium	mg/kg	14.9	15.7	105	80-120		
Zinc	mg/kg	74.7	76.9	103	80-120		

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5058260 5058261

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35800707001 Result	Spike Conc.	Spike Conc.	MS Result						
Antimony	mg/kg	4.0 I	86.4	85.8	91.1	91.8	101	102	75-125	1	20
Arsenic	mg/kg	3.7	86.4	85.8	85.2	84.7	95	94	75-125	1	20

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		5058260		5058261									
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35800707001	Spike Conc.	Spike Conc.	MS Result								
Beryllium	mg/kg	0.0000047 U % (w/w)	8.7	8.7	8.2	8.2	95	95	95	75-125	0	20	
Cadmium	mg/kg	0.99	8.7	8.7	9.9	10.1	103	106	75-125	2	20		
Chromium	mg/kg	14.7	86.4	85.8	108	105	108	105	75-125	3	20		
Copper	mg/kg	203	86.4	85.8	371	295	194	107	75-125	23	20	J(M1), J(R1), L	
Lead	mg/kg	11.0	86.4	85.8	101	100	104	104	75-125	1	20		
Nickel	mg/kg	10.5	86.4	85.8	104	105	108	110	75-125	1	20		
Selenium	mg/kg	4.1	86.4	85.8	81.9	81.8	90	90	75-125	0	20		
Silver	mg/kg	1.6	8.7	8.7	9.9	9.8	97	95	75-125	1	20		
Thallium	mg/kg	1.8 U	86.4	85.8	88.4	87.7	103	102	75-125	1	20		
Zinc	mg/kg	832	431	430	1230	1230	93	93	75-125	0	20		

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch:	919729	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857001, 35800857002

METHOD BLANK: 5057928                          Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 22:52	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/22/23 22:52	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/22/23 22:52	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/22/23 22:52	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/22/23 22:52	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/22/23 22:52	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/22/23 22:52	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/22/23 22:52	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/22/23 22:52	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/22/23 22:52	J(v2)
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/22/23 22:52	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/22/23 22:52	
Acetone	mg/kg	0.010 I	0.050	0.0089	05/22/23 22:52	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/22/23 22:52	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/22/23 22:52	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/22/23 22:52	J(v2)
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	J(v1)
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/22/23 22:52	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/22/23 22:52	
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/22/23 22:52	
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/22/23 22:52	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/22/23 22:52	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/22/23 22:52	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/22/23 22:52	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 22:52	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/22/23 22:52	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/22/23 22:52	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/22/23 22:52	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/22/23 22:52	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/22/23 22:52	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

METHOD BLANK: 5057928

Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/22/23 22:52	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/22/23 22:52	
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/22/23 22:52	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130		05/22/23 22:52	
4-Bromofluorobenzene (S)	%	105	68-125		05/22/23 22:52	
Toluene-d8 (S)	%	100	70-130		05/22/23 22:52	

LABORATORY CONTROL SAMPLE: 5057929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.018	89	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	97	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.021	104	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.018	89	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.024	119	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.019	94	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.020	103	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.018	93	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.019	97	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.021	104	70-130	
1,3-Dichloropropene	mg/kg		0.040			
1,4-Dichlorobenzene	mg/kg	0.02	0.021	106	70-130	
2-Butanone (MEK)	mg/kg	0.099	0.078	79	64-121 J(v3)	
2-Hexanone	mg/kg	0.099	0.088	89	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.099	0.094	94	70-130	
Acetone	mg/kg	0.099	0.083	83	68-146	
Benzene	mg/kg	0.02	0.018	92	70-130	
Bromochloromethane	mg/kg	0.02	0.017	88	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	97	70-130	
Bromoform	mg/kg	0.02	0.020	101	54-129	
Bromomethane	mg/kg	0.02	0.014	73	58-144 J(v2)	
Carbon disulfide	mg/kg	0.02	0.024	120	57-133 J(v1)	
Carbon tetrachloride	mg/kg	0.02	0.018	93	63-137	
Chlorobenzene	mg/kg	0.02	0.020	103	70-130	
Chloroethane	mg/kg	0.02	0.019	95	40-165	
Chloroform	mg/kg	0.02	0.016	80	70-130	
Chloromethane	mg/kg	0.02	0.017	86	64-127	
cis-1,2-Dichloroethene	mg/kg	0.02	0.017	85	70-130	
Dibromochloromethane	mg/kg	0.02	0.021	105	70-130	
Dibromomethane	mg/kg	0.02	0.020	100	70-130	
Ethylbenzene	mg/kg	0.02	0.019	95	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.019	94	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	92	65-124	
Methylene Chloride	mg/kg	0.02	0.016	80	51-142	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

LABORATORY CONTROL SAMPLE: 5057929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	mg/kg	0.02	0.021	107	70-130	
Tetrachloroethene	mg/kg	0.02	0.019	98	70-130	
Toluene	mg/kg	0.02	0.019	97	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.018	89	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.020	103	65-142	
Trichloroethene	mg/kg	0.02	0.019	98	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.024	120	60-148	
Vinyl chloride	mg/kg	0.02	0.017	85	69-124	
Xylene (Total)	mg/kg	0.06	0.055	93	70-130	
1,2-Dichlorobenzene-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			104	68-125	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE SAMPLE: 5059588

Parameter	Units	35800552032 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0014 U	0.021	0.023	108	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00064 U	0.021	0.020	91	70-130	
1,1,2-Trichloroethane	mg/kg	0.00062 U	0.021	0.020	94	70-130	
1,1-Dichloroethane	mg/kg	0.0010 U	0.021	0.021	100	70-130	
1,1-Dichloroethene	mg/kg	0.0026 U	0.021	0.023	106	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.0012 U	0.021	0.022	102	70-130	
1,2-Dichlorobenzene	mg/kg	0.00080 U	0.021	0.020	92	70-130	
1,2-Dichloroethane	mg/kg	0.00081 U	0.021	0.020	93	70-130	
1,2-Dichloropropane	mg/kg	0.00097 U	0.021	0.022	102	70-130	
1,3-Dichlorobenzene	mg/kg	0.00096 U	0.021	0.021	96	70-130	
1,3-Dichloropropene	mg/kg	0.0026 U		0.043			
1,4-Dichlorobenzene	mg/kg	0.00071 U	0.021	0.020	93	70-130	
2-Butanone (MEK)	mg/kg	0.0053 U	0.11	0.10	96	64-121 J(v3)	
2-Hexanone	mg/kg	0.0053 U	0.11	0.096	90	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0053 U	0.11	0.098	92	70-130	
Acetone	mg/kg	0.0094 U	0.11	0.12	111	68-146	
Benzene	mg/kg	0.0011 U	0.021	0.022	102	70-130	
Bromochloromethane	mg/kg	0.00078 U	0.021	0.022	101	70-130	
Bromodichloromethane	mg/kg	0.0012 U	0.021	0.020	95	70-130	
Bromoform	mg/kg	0.0012 U	0.021	0.018	86	54-129	
Bromomethane	mg/kg	0.0019 U	0.021	0.022	104	58-144 J(v3)	
Carbon disulfide	mg/kg	0.0026 U	0.021	0.022	102	57-133 J(v1)	
Carbon tetrachloride	mg/kg	0.0013 U	0.021	0.024	113	63-137	
Chlorobenzene	mg/kg	0.00098 U	0.021	0.021	98	70-130	
Chloroethane	mg/kg	0.0022 U	0.021	0.023	105	40-165	
Chloroform	mg/kg	0.00089 U	0.021	0.021	99	70-130	
Chloromethane	mg/kg	0.00094 U	0.021	0.023	108	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0012 U	0.021	0.023	105	70-130	
Dibromochloromethane	mg/kg	0.00092 U	0.021	0.020	95	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

MATRIX SPIKE SAMPLE:	5059588						
Parameter	Units	35800552032	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibromomethane	mg/kg	0.00075 U	0.021	0.020	94	70-130	
Ethylbenzene	mg/kg	0.0013 U	0.021	0.021	98	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.0014 U	0.021	0.022	102	70-130	
Methyl-tert-butyl ether	mg/kg	0.0016 U	0.021	0.020	93	65-124	
Methylene Chloride	mg/kg	0.0046 U	0.021	0.021	96	51-142	
Styrene	mg/kg	0.0026 U	0.021	0.025	114	70-130	
Tetrachloroethene	mg/kg	0.0013 U	0.021	0.027	128	70-130	
Toluene	mg/kg	0.00085 U	0.021	0.022	102	70-130	
trans-1,2-Dichloroethene	mg/kg	0.0014 U	0.021	0.023	107	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.0013 U	0.021	0.019	88	65-142	
Trichloroethene	mg/kg	0.0013 U	0.021	0.023	108	70-130	
Trichlorofluoromethane	mg/kg	0.0026 U	0.021	0.027	125	60-148	
Vinyl chloride	mg/kg	0.00098 U	0.021	0.025	116	69-124	
Xylene (Total)	mg/kg	0.0054 U	0.064	0.064	99	70-130	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				99	68-125	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 5059587

Parameter	Units	35800552031	Dup Result	Max RPD	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.0018 U	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00069 U	0.00085 U	40	
1,1,2-Trichloroethane	mg/kg	0.00067 U	0.00082 U	40	
1,1-Dichloroethane	mg/kg	0.0011 U	0.0014 U	40	
1,1-Dichloroethene	mg/kg	0.0028 U	0.0035 U	40	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.0015 U	40	
1,2-Dichlorobenzene	mg/kg	0.00087 U	0.0011 U	40	
1,2-Dichloroethane	mg/kg	0.00088 U	0.0011 U	40	
1,2-Dichloropropane	mg/kg	0.0010 U	0.0013 U	40	
1,3-Dichlorobenzene	mg/kg	0.0010 U	0.0013 U	40	
1,3-Dichloropropene	mg/kg	0.0028 U	0.0035 U	40	
1,4-Dichlorobenzene	mg/kg	0.00076 U	0.00093 U	40	
2-Butanone (MEK)	mg/kg	0.0057 U	0.0070 U	40 J(v2)	
2-Hexanone	mg/kg	0.0057 U	0.0070 U	40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0057 U	0.0070 U	40	
Acetone	mg/kg	0.010 U	0.012 U	40	
Benzene	mg/kg	0.0011 U	0.0014 U	40	
Bromochloromethane	mg/kg	0.00084 U	0.0010 U	40	
Bromodichloromethane	mg/kg	0.0013 U	0.0015 U	40	
Bromoform	mg/kg	0.0013 U	0.0015 U	40	
Bromomethane	mg/kg	0.0021 U	0.0025 U	40 J(v2)	
Carbon disulfide	mg/kg	0.0028 U	0.0035 U	40 J(v1)	
Carbon tetrachloride	mg/kg	0.0014 U	0.0017 U	40	
Chlorobenzene	mg/kg	0.0011 U	0.0013 U	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

SAMPLE DUPLICATE: 5059587

Parameter	Units	35800552031 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloroethane	mg/kg	0.0024 U	0.0029 U		40	
Chloroform	mg/kg	0.00096 U	0.0012 U		40	
Chloromethane	mg/kg	0.0010 U	0.0012 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.0015 U		40	
Dibromochloromethane	mg/kg	0.00099 U	0.0012 U		40	
Dibromomethane	mg/kg	0.00081 U	0.00099 U		40	
Ethylbenzene	mg/kg	0.0014 U	0.0017 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0015 U	0.0018 U		40	
Methyl-tert-butyl ether	mg/kg	0.0017 U	0.0021 U		40	
Methylene Chloride	mg/kg	0.0050 U	0.0061 U		40	
Styrene	mg/kg	0.0028 U	0.0035 U		40	
Tetrachloroethene	mg/kg	0.0014 U	0.0017 U		40	
Toluene	mg/kg	0.00092 U	0.0011 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.0018 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0014 U	0.0017 U		40	
Trichloroethene	mg/kg	0.0014 U	0.0017 U		40	
Trichlorofluoromethane	mg/kg	0.0028 U	0.0035 U		40	
Vinyl chloride	mg/kg	0.0011 U	0.0013 U		40	
Xylene (Total)	mg/kg	0.0059 U	0.0071 U		40	
1,2-Dichlorobenzene-d4 (S)	%	102	96		40	
4-Bromofluorobenzene (S)	%	118	99		40	
Toluene-d8 (S)	%	102	97		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 920620

Analysis Method: EPA 8260

QC Batch Method: EPA 5035

Analysis Description: 8260 MSV 5035

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857003, 35800857004

METHOD BLANK: 5062064

Matrix: Solid

Associated Lab Samples: 35800857003, 35800857004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0050	0.0013	05/24/23 23:10	
1,1,2,2-Tetrachloroethane	mg/kg	0.00061 U	0.0050	0.00061	05/24/23 23:10	
1,1,2-Trichloroethane	mg/kg	0.00059 U	0.0050	0.00059	05/24/23 23:10	
1,1-Dichloroethane	mg/kg	0.00098 U	0.0050	0.00098	05/24/23 23:10	
1,1-Dichloroethene	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
1,2-Dichlorobenzene	mg/kg	0.00076 U	0.0050	0.00076	05/24/23 23:10	
1,2-Dichloroethane	mg/kg	0.00077 U	0.0050	0.00077	05/24/23 23:10	
1,2-Dichloropropane	mg/kg	0.00092 U	0.0050	0.00092	05/24/23 23:10	
1,3-Dichlorobenzene	mg/kg	0.00091 U	0.0050	0.00091	05/24/23 23:10	
1,3-Dichloropropene	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
1,4-Dichlorobenzene	mg/kg	0.00067 U	0.0050	0.00067	05/24/23 23:10	
2-Butanone (MEK)	mg/kg	0.0050 U	0.050	0.0050	05/24/23 23:10	
2-Hexanone	mg/kg	0.0050 U	0.025	0.0050	05/24/23 23:10	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0050 U	0.025	0.0050	05/24/23 23:10	
Acetone	mg/kg	0.0089 U	0.050	0.0089	05/24/23 23:10	
Benzene	mg/kg	0.0010 U	0.0050	0.0010	05/24/23 23:10	
Bromochloromethane	mg/kg	0.00074 U	0.0050	0.00074	05/24/23 23:10	
Bromodichloromethane	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
Bromoform	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
Bromomethane	mg/kg	0.0018 U	0.0050	0.0018	05/24/23 23:10	J(v2)
Carbon disulfide	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
Carbon tetrachloride	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Chlorobenzene	mg/kg	0.00093 U	0.0050	0.00093	05/24/23 23:10	
Chloroethane	mg/kg	0.0021 U	0.0050	0.0021	05/24/23 23:10	
Chloroform	mg/kg	0.00084 U	0.0050	0.00084	05/24/23 23:10	
Chloromethane	mg/kg	0.00089 U	0.0050	0.00089	05/24/23 23:10	J(v2)
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0050	0.0011	05/24/23 23:10	
Dibromochloromethane	mg/kg	0.00087 U	0.0050	0.00087	05/24/23 23:10	
Dibromomethane	mg/kg	0.00071 U	0.0050	0.00071	05/24/23 23:10	
Ethylbenzene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Isopropylbenzene (Cumene)	mg/kg	0.0013 U	0.0050	0.0013	05/24/23 23:10	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0050	0.0015	05/24/23 23:10	
Methylene Chloride	mg/kg	0.0044 U	0.0050	0.0044	05/24/23 23:10	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Toluene	mg/kg	0.00081 U	0.0050	0.00081	05/24/23 23:10	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	05/24/23 23:10	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	05/24/23 23:10	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

METHOD BLANK: 5062064

Matrix: Solid

Associated Lab Samples: 35800857003, 35800857004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	05/24/23 23:10	
Vinyl chloride	mg/kg	0.00093 U	0.0050	0.00093	05/24/23 23:10	J(v2)
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	05/24/23 23:10	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		05/24/23 23:10	
4-Bromofluorobenzene (S)	%	100	68-125		05/24/23 23:10	
Toluene-d8 (S)	%	100	70-130		05/24/23 23:10	

LABORATORY CONTROL SAMPLE: 5062065

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.02	0.019	93	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	96	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.018	88	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.018	90	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.018	91	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.02	0.020	99	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.019	94	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	95	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.019	94	70-130	
1,3-Dichlorobenzene	mg/kg	0.02	0.019	96	70-130	
1,3-Dichloropropene	mg/kg		0.039			
1,4-Dichlorobenzene	mg/kg	0.02	0.019	94	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.098	98	64-121	
2-Hexanone	mg/kg	0.1	0.090	90	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.091	91	70-130	
Acetone	mg/kg	0.1	0.11	114	68-146	
Benzene	mg/kg	0.02	0.018	91	70-130	
Bromochloromethane	mg/kg	0.02	0.019	93	70-130	
Bromodichloromethane	mg/kg	0.02	0.019	93	70-130	
Bromoform	mg/kg	0.02	0.018	91	54-129	
Bromomethane	mg/kg	0.02	0.016	79	58-144 J(v3)	
Carbon disulfide	mg/kg	0.02	0.016	82	57-133	
Carbon tetrachloride	mg/kg	0.02	0.018	89	63-137	
Chlorobenzene	mg/kg	0.02	0.019	93	70-130	
Chloroethane	mg/kg	0.02	0.016	81	40-165	
Chloroform	mg/kg	0.02	0.017	86	70-130	
Chloromethane	mg/kg	0.02	0.015	75	64-127 J(v3)	
cis-1,2-Dichloroethene	mg/kg	0.02	0.019	94	70-130	
Dibromochloromethane	mg/kg	0.02	0.018	92	70-130	
Dibromomethane	mg/kg	0.02	0.019	94	70-130	
Ethylbenzene	mg/kg	0.02	0.018	91	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.020	98	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.018	90	65-124	
Methylene Chloride	mg/kg	0.02	0.018	89	51-142	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

**LABORATORY CONTROL SAMPLE: 5062065**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	mg/kg	0.02	0.022	112	70-130	
Tetrachloroethene	mg/kg	0.02	0.018	91	70-130	
Toluene	mg/kg	0.02	0.018	90	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.018	92	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.019	94	65-142	
Trichloroethene	mg/kg	0.02	0.019	94	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.018	91	60-148	
Vinyl chloride	mg/kg	0.02	0.016	78	69-124 J(v3)	
Xylene (Total)	mg/kg	0.06	0.057	95	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	68-125	
Toluene-d8 (S)	%			100	70-130	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5062069      5062070**

Parameter	Units	35800552027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	mg/kg	0.0016 U	0.024	0.024	0.022	0.023	93	95	70-130	2	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00074 U	0.024	0.024	0.020	0.021	83	88	70-130	5	40	
1,1,2-Trichloroethane	mg/kg	0.00071 U	0.024	0.024	0.020	0.020	81	81	70-130	0	40	
1,1-Dichloroethane	mg/kg	0.0012 U	0.024	0.024	0.022	0.022	90	93	70-130	3	40	
1,1-Dichloroethene	mg/kg	0.0030 U	0.024	0.024	0.022	0.023	90	94	62-131	5	40	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.024	0.024	0.021	0.020	86	84	70-130	2	40	
1,2-Dichlorobenzene	mg/kg	0.00092 U	0.024	0.024	0.019	0.019	80	79	70-130	1	40	
1,2-Dichloroethane	mg/kg	0.00093 U	0.024	0.024	0.022	0.023	89	93	70-130	5	40	
1,2-Dichloropropane	mg/kg	0.0011 U	0.024	0.024	0.021	0.022	88	93	70-130	6	40	
1,3-Dichlorobenzene	mg/kg	0.0011 U	0.024	0.024	0.019	0.020	81	81	70-130	1	40	
1,3-Dichloropropene	mg/kg	0.0030 U			0.038	0.038				1	40	
1,4-Dichlorobenzene	mg/kg	0.00081 U	0.024	0.024	0.019	0.020	80	81	70-130	1	40	
2-Butanone (MEK)	mg/kg	0.0060 U	0.12	0.12	0.086	0.086	71	71	64-121	1	40	
2-Hexanone	mg/kg	0.0060 U	0.12	0.12	0.077	0.081	63	67	59-137	5	40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0060 U	0.12	0.12	0.083	0.087	69	72	70-130	5	40 J(M1)	
Acetone	mg/kg	0.011 U	0.12	0.12	0.10	0.11	75	81	68-146	8	40	
Benzene	mg/kg	0.0012 U	0.024	0.024	0.021	0.022	89	93	70-130	4	40	
Bromochloromethane	mg/kg	0.00089 U	0.024	0.024	0.021	0.022	88	91	70-130	4	40	
Bromodichloromethane	mg/kg	0.0013 U	0.024	0.024	0.021	0.022	87	93	70-130	7	40	
Bromoform	mg/kg	0.0013 U	0.024	0.024	0.019	0.020	77	81	54-129	5	40	
Bromomethane	mg/kg	0.0022 U	0.024	0.024	0.022	0.021	90	89	58-144	2	40 J(v3)	
Carbon disulfide	mg/kg	0.0030 U	0.024	0.024	0.018	0.019	74	77	57-133	4	40	
Carbon tetrachloride	mg/kg	0.0015 U	0.024	0.024	0.022	0.022	91	92	63-137	0	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

		MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5062069				5062070								
Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		35800552027	Spike Conc.	Spike Conc.	MS Result									
Chlorobenzene	mg/kg	0.0011	U	0.024	0.024	0.021	85	89	70-130	4	40			
Chloroethane	mg/kg	0.0025	U	0.024	0.024	0.023	96	102	40-165	6	40			
Chloroform	mg/kg	0.0010	U	0.024	0.024	0.021	87	94	70-130	7	40			
Chloromethane	mg/kg	0.0011	U	0.024	0.024	0.023	97	103	64-127	6	40	J(v3)		
cis-1,2-Dichloroethene	mg/kg	0.0013	U	0.024	0.024	0.022	92	94	70-130	3	40			
Dibromochloromethane	mg/kg	0.0011	U	0.024	0.024	0.020	83	89	70-130	7	40			
Dibromomethane	mg/kg	0.00086	U	0.024	0.024	0.021	88	90	70-130	1	40			
Ethylbenzene	mg/kg	0.0015	U	0.024	0.024	0.020	83	86	70-130	4	40			
Isopropylbenzene (Cumene)	mg/kg	0.0016	U	0.024	0.024	0.021	85	86	70-130	1	40			
Methyl-tert-butyl ether	mg/kg	0.0018	U	0.024	0.024	0.019	0.021	80	85	65-124	6	40		
Methylene Chloride	mg/kg	0.0053	U	0.024	0.024	0.021	0.022	88	91	51-142	3	40		
Styrene	mg/kg	0.0030	U	0.024	0.024	0.024	0.024	98	101	70-130	3	40		
Tetrachloroethene	mg/kg	0.0015	U	0.024	0.024	0.024	0.024	98	98	70-130	0	40		
Toluene	mg/kg	0.00098	U	0.024	0.024	0.021	0.022	87	91	70-130	4	40		
trans-1,2-Dichloroethene	mg/kg	0.0016	U	0.024	0.024	0.022	0.022	90	92	70-130	2	40		
trans-1,4-Dichloro-2-butene	mg/kg	0.0015	U	0.024	0.024	0.015	0.015	60	60	65-142	0	40	J(M1)	
Trichloroethene	mg/kg	0.0015	U	0.024	0.024	0.021	0.022	89	92	70-130	3	40		
Trichlorofluoromethane	mg/kg	0.0030	U	0.024	0.024	0.025	0.027	104	110	60-148	5	40		
Vinyl chloride	mg/kg	0.0011	U	0.024	0.024	0.024	0.026	99	106	69-124	7	40	J(v3)	
Xylene (Total)	mg/kg	0.0062	U	0.073	0.073	0.061	0.063	84	86	70-130	2	40		
1,2-Dichlorobenzene-d4 (S)	%							100	100	70-130		40		
4-Bromofluorobenzene (S)	%								96	98	68-125		40	
Toluene-d8 (S)	%								100	100	70-130		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch:	920819	Analysis Method:	EPA 8260
QC Batch Method:	EPA 5035	Analysis Description:	8260 MSV 5035
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857005, 35800857006, 35800857007, 35800857008

METHOD BLANK: 5063032

Matrix: Solid

Associated Lab Samples: 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
1,1,2,2-Tetrachloroethane	mg/kg	0.00059 U	0.0048	0.00059	05/25/23 10:23	
1,1,2-Trichloroethane	mg/kg	0.00057 U	0.0048	0.00057	05/25/23 10:23	
1,1-Dichloroethane	mg/kg	0.00094 U	0.0048	0.00094	05/25/23 10:23	
1,1-Dichloroethene	mg/kg	0.0024 U	0.0048	0.0024	05/25/23 10:23	
1,2,4-Trimethylbenzene	mg/kg	0.0011 U	0.0048	0.0011	05/25/23 10:23	
1,2-Dichlorobenzene	mg/kg	0.00073 U	0.0048	0.00073	05/25/23 10:23	
1,2-Dichloroethane	mg/kg	0.00074 U	0.0048	0.00074	05/25/23 10:23	
1,2-Dichloropropane	mg/kg	0.00088 U	0.0048	0.00088	05/25/23 10:23	
1,3-Dichlorobenzene	mg/kg	0.00088 U	0.0048	0.00088	05/25/23 10:23	
1,3-Dichloropropene	mg/kg	0.0024 U	0.0048	0.0024	05/25/23 10:23	
1,4-Dichlorobenzene	mg/kg	0.00064 U	0.0048	0.00064	05/25/23 10:23	
2-Butanone (MEK)	mg/kg	0.0048 U	0.048	0.0048	05/25/23 10:23	
2-Hexanone	mg/kg	0.0048 U	0.024	0.0048	05/25/23 10:23	J(v2)
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0048 U	0.024	0.0048	05/25/23 10:23	
Acetone	mg/kg	0.014 I	0.048	0.0086	05/25/23 10:23	
Benzene	mg/kg	0.00096 U	0.0048	0.00096	05/25/23 10:23	
Bromochloromethane	mg/kg	0.00071 U	0.0048	0.00071	05/25/23 10:23	
Bromodichloromethane	mg/kg	0.0011 U	0.0048	0.0011	05/25/23 10:23	
Bromoform	mg/kg	0.0011 U	0.0048	0.0011	05/25/23 10:23	
Bromomethane	mg/kg	0.0017 U	0.0048	0.0017	05/25/23 10:23	
Carbon disulfide	mg/kg	0.0024 U	0.0048	0.0024	05/25/23 10:23	
Carbon tetrachloride	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
Chlorobenzene	mg/kg	0.00089 U	0.0048	0.00089	05/25/23 10:23	
Chloroethane	mg/kg	0.0020 U	0.0048	0.0020	05/25/23 10:23	
Chloroform	mg/kg	0.00081 U	0.0048	0.00081	05/25/23 10:23	
Chloromethane	mg/kg	0.00086 U	0.0048	0.00086	05/25/23 10:23	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0048	0.0011	05/25/23 10:23	
Dibromochloromethane	mg/kg	0.00084 U	0.0048	0.00084	05/25/23 10:23	
Dibromomethane	mg/kg	0.00068 U	0.0048	0.00068	05/25/23 10:23	
Ethylbenzene	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
Isopropylbenzene (Cumene)	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
Methyl-tert-butyl ether	mg/kg	0.0014 U	0.0048	0.0014	05/25/23 10:23	
Methylene Chloride	mg/kg	0.0042 U	0.0048	0.0042	05/25/23 10:23	
Styrene	mg/kg	0.0024 U	0.0048	0.0024	05/25/23 10:23	
Tetrachloroethene	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
Toluene	mg/kg	0.00078 U	0.0048	0.00078	05/25/23 10:23	
trans-1,2-Dichloroethene	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	
Trichloroethene	mg/kg	0.0012 U	0.0048	0.0012	05/25/23 10:23	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

METHOD BLANK: 5063032                          Matrix: Solid  
Associated Lab Samples: 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Trichlorofluoromethane	mg/kg	0.0024 U	0.0048	0.0024	05/25/23 10:23	J(v1)
Vinyl chloride	mg/kg	0.00089 U	0.0048	0.00089	05/25/23 10:23	
Xylene (Total)	mg/kg	0.0049 U	0.014	0.0049	05/25/23 10:23	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		05/25/23 10:23	
4-Bromofluorobenzene (S)	%	97	68-125		05/25/23 10:23	
Toluene-d8 (S)	%	100	70-130		05/25/23 10:23	

LABORATORY CONTROL SAMPLE: 5063033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.019	0.019	98	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.019	0.016	85	70-130	
1,1,2-Trichloroethane	mg/kg	0.019	0.017	86	70-130	
1,1-Dichloroethane	mg/kg	0.019	0.019	96	70-130	
1,1-Dichloroethene	mg/kg	0.019	0.020	101	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.019	0.019	98	70-130	
1,2-Dichlorobenzene	mg/kg	0.019	0.017	90	70-130	
1,2-Dichloroethane	mg/kg	0.019	0.019	96	70-130	
1,2-Dichloropropane	mg/kg	0.019	0.019	96	70-130	
1,3-Dichlorobenzene	mg/kg	0.019	0.018	93	70-130	
1,3-Dichloropropene	mg/kg		0.036			
1,4-Dichlorobenzene	mg/kg	0.019	0.018	91	70-130	
2-Butanone (MEK)	mg/kg	0.097	0.087	90	64-121	
2-Hexanone	mg/kg	0.097	0.077	80	59-137 J(v3)	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.097	0.078	81	70-130	
Acetone	mg/kg	0.097	0.11	116	68-146	
Benzene	mg/kg	0.019	0.019	97	70-130	
Bromochloromethane	mg/kg	0.019	0.018	93	70-130	
Bromodichloromethane	mg/kg	0.019	0.018	93	70-130	
Bromoform	mg/kg	0.019	0.016	84	54-129	
Bromomethane	mg/kg	0.019	0.019	96	58-144	
Carbon disulfide	mg/kg	0.019	0.018	91	57-133	
Carbon tetrachloride	mg/kg	0.019	0.019	96	63-137	
Chlorobenzene	mg/kg	0.019	0.018	94	70-130	
Chloroethane	mg/kg	0.019	0.020	101	40-165	
Chloroform	mg/kg	0.019	0.018	91	70-130	
Chloromethane	mg/kg	0.019	0.019	96	64-127	
cis-1,2-Dichloroethene	mg/kg	0.019	0.019	99	70-130	
Dibromochloromethane	mg/kg	0.019	0.017	87	70-130	
Dibromomethane	mg/kg	0.019	0.017	88	70-130	
Ethylbenzene	mg/kg	0.019	0.018	91	70-130	
Isopropylbenzene (Cumene)	mg/kg	0.019	0.019	98	70-130	
Methyl-tert-butyl ether	mg/kg	0.019	0.017	86	65-124	
Methylene Chloride	mg/kg	0.019	0.018	93	51-142	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

LABORATORY CONTROL SAMPLE: 5063033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	mg/kg	0.019	0.021	110	70-130	
Tetrachloroethene	mg/kg	0.019	0.018	93	70-130	
Toluene	mg/kg	0.019	0.018	91	70-130	
trans-1,2-Dichloroethene	mg/kg	0.019	0.019	98	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.019	0.017	86	65-142	
Trichloroethene	mg/kg	0.019	0.018	95	70-130	
Trichlorofluoromethane	mg/kg	0.019	0.024	123	60-148 J(v1)	
Vinyl chloride	mg/kg	0.019	0.019	98	69-124	
Xylene (Total)	mg/kg	0.058	0.054	93	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			97	68-125	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 5063036

Parameter	Units	35801114002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.026	0.024	93	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00072 U	0.026	0.021	82	70-130	
1,1,2-Trichloroethane	mg/kg	0.00070 U	0.026	0.020	76	70-130	
1,1-Dichloroethane	mg/kg	0.0012 U	0.026	0.024	92	70-130	
1,1-Dichloroethene	mg/kg	0.0030 U	0.026	0.025	98	62-131	
1,2,4-Trimethylbenzene	mg/kg	0.0013 U	0.026	0.0063 I	25	70-130 J(M1)	
1,2-Dichlorobenzene	mg/kg	0.00090 U	0.026	0.0082	32	70-130 J(M1)	
1,2-Dichloroethane	mg/kg	0.00091 U	0.026	0.022	87	70-130	
1,2-Dichloropropane	mg/kg	0.0011 U	0.026	0.021	83	70-130	
1,3-Dichlorobenzene	mg/kg	0.0011 U	0.026	0.0071	28	70-130 J(M1)	
1,3-Dichloropropene	mg/kg	0.0030 U		0.035			
1,4-Dichlorobenzene	mg/kg	0.00079 U	0.026	0.0067	26	70-130 J(M1)	
2-Butanone (MEK)	mg/kg	0.0059 U	0.13	0.15	115	64-121	
2-Hexanone	mg/kg	0.0059 U	0.13	0.12	95	59-137 J(v3)	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0059 U	0.13	0.13	104	70-130	
Acetone	mg/kg	0.011 U	0.13	0.17	121	68-146	
Benzene	mg/kg	0.0012 U	0.026	0.020	78	70-130	
Bromochloromethane	mg/kg	0.00087 U	0.026	0.022	86	70-130	
Bromodichloromethane	mg/kg	0.0013 U	0.026	0.020	77	70-130	
Bromoform	mg/kg	0.0013 U	0.026	0.016	64	54-129	
Bromomethane	mg/kg	0.0021 U	0.026	0.025	98	58-144	
Carbon disulfide	mg/kg	0.0030 U	0.026	0.021	82	57-133	
Carbon tetrachloride	mg/kg	0.0014 U	0.026	0.021	83	63-137	
Chlorobenzene	mg/kg	0.0011 U	0.026	0.011	45	70-130 J(M1)	
Chloroethane	mg/kg	0.0025 U	0.026	0.027	104	40-165	
Chloroform	mg/kg	0.00099 U	0.026	0.022	84	70-130	
Chloromethane	mg/kg	0.0011 U	0.026	0.028	108	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0013 U	0.026	0.023	88	70-130	
Dibromochloromethane	mg/kg	0.0010 U	0.026	0.018	72	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

MATRIX SPIKE SAMPLE:	5063036						
Parameter	Units	35801114002	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Dibromomethane	mg/kg	0.00084 U	0.026	0.020	78	70-130	
Ethylbenzene	mg/kg	0.0014 U	0.026	0.0095	37	70-130 J(M1)	
Isopropylbenzene (Cumene)	mg/kg	0.0015 U	0.026	0.0074	29	70-130 J(M1)	
Methyl-tert-butyl ether	mg/kg	0.0018 U	0.026	0.023	88	65-124	
Methylene Chloride	mg/kg	0.0052 U	0.026	0.023	90	51-142	
Styrene	mg/kg	0.0030 U	0.026	0.010	40	70-130 J(M1)	
Tetrachloroethene	mg/kg	0.0014 U	0.026	0.016	61	70-130 J(M1)	
Toluene	mg/kg	0.00096 U	0.026	0.015	59	70-130 J(M1)	
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.026	0.022	86	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.0014 U	0.026	0.020	76	65-142	
Trichloroethene	mg/kg	0.0014 U	0.026	0.017	68	70-130 J(M1)	
Trichlorofluoromethane	mg/kg	0.0030 U	0.026	0.035	135	60-148 J(v1)	
Vinyl chloride	mg/kg	0.0011 U	0.026	0.028	109	69-124	
Xylene (Total)	mg/kg	0.0061 U	0.077	0.028	36	70-130 MS	
1,2-Dichlorobenzene-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				93	68-125	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 5063035

Parameter	Units	35801114001	Dup Result	Max RPD	Qualifiers
1,1,1-Trichloroethane	mg/kg	0.0015 U	0.0012 U	40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00068 U	0.00055 U	40	
1,1,2-Trichloroethane	mg/kg	0.00066 U	0.00053 U	40	
1,1-Dichloroethane	mg/kg	0.0011 U	0.00089 U	40	
1,1-Dichloroethene	mg/kg	0.0028 U	0.0023 U	40	
1,2,4-Trimethylbenzene	mg/kg	0.0036 I	0.0010 U	40	
1,2-Dichlorobenzene	mg/kg	0.00085 U	0.00069 U	40	
1,2-Dichloroethane	mg/kg	0.00086 U	0.00070 U	40	
1,2-Dichloropropane	mg/kg	0.0010 U	0.00083 U	40	
1,3-Dichlorobenzene	mg/kg	0.0010 U	0.00082 U	40	
1,3-Dichloropropene	mg/kg	0.0024 U	0.0023 U	40	
1,4-Dichlorobenzene	mg/kg	0.00075 U	0.00061 U	40	
2-Butanone (MEK)	mg/kg	0.0056 U	0.0047 I	40	
2-Hexanone	mg/kg	0.0056 U	0.0045 U	40 J(v2)	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0056 U	0.0045 U	40	
Acetone	mg/kg	0.010 U	0.026 I	40	
Benzene	mg/kg	0.0011 U	0.00090 U	40	
Bromochloromethane	mg/kg	0.00083 U	0.00067 U	40	
Bromodichloromethane	mg/kg	0.0012 U	0.0010 U	40	
Bromoform	mg/kg	0.0012 U	0.0010 U	40	
Bromomethane	mg/kg	0.0020 U	0.0016 U	40	
Carbon disulfide	mg/kg	0.0028 U	0.0023 U	40	
Carbon tetrachloride	mg/kg	0.0013 U	0.0011 U	40	
Chlorobenzene	mg/kg	0.0010 U	0.00084 U	40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

SAMPLE DUPLICATE: 5063035

Parameter	Units	35801114001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloroethane	mg/kg	0.0024 U	0.0019 U		40	
Chloroform	mg/kg	0.00094 U	0.00076 U		40	
Chloromethane	mg/kg	0.0010 U	0.00081 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0012 U	0.0010 U		40	
Dibromochloromethane	mg/kg	0.00098 U	0.00079 U		40	
Dibromomethane	mg/kg	0.00080 U	0.00064 U		40	
Ethylbenzene	mg/kg	0.0013 U	0.0011 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0015 U	0.0012 U		40	
Methyl-tert-butyl ether	mg/kg	0.0017 U	0.0014 U		40	
Methylene Chloride	mg/kg	0.0049 U	0.0040 U		40	
Styrene	mg/kg	0.0028 U	0.0023 U		40	
Tetrachloroethene	mg/kg	0.0013 U	0.0011 U		40	
Toluene	mg/kg	0.0015 I	0.00073 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0015 U	0.0012 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0011 U	0.0011 U		40	
Trichloroethene	mg/kg	0.0013 U	0.0011 U		40	
Trichlorofluoromethane	mg/kg	0.0028 U	0.0023 U		40 J(v1)	
Vinyl chloride	mg/kg	0.0010 U	0.00084 U		40	
Xylene (Total)	mg/kg	0.0048 U	0.0046 U		40	
1,2-Dichlorobenzene-d4 (S)	%		100		40	
4-Bromofluorobenzene (S)	%		95		40	
Toluene-d8 (S)	%		97		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch:	919477	Analysis Method:	EPA 8081
QC Batch Method:	EPA 3546	Analysis Description:	8081 GCS Pesticides
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008		

METHOD BLANK: 5057384

Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank	Reporting		Analyzed	Qualifiers
		Result	Limit	MDL		
4,4'-DDD	mg/kg	0.000076 U	0.0017	0.000076	05/26/23 12:15	
4,4'-DDE	mg/kg	0.000067 U	0.0017	0.000067	05/26/23 12:15	
4,4'-DDT	mg/kg	0.00010 U	0.0017	0.00010	05/26/23 12:15	
Aldrin	mg/kg	0.00017 U	0.0017	0.00017	05/26/23 12:15	
alpha-BHC	mg/kg	0.000092 U	0.0017	0.000092	05/26/23 12:15	
beta-BHC	mg/kg	0.00020 U	0.0017	0.00020	05/26/23 12:15	
Chlordane (Technical)	mg/kg	0.0051 U	0.017	0.0051	05/26/23 12:15	
delta-BHC	mg/kg	0.000086 U	0.0017	0.000086	05/26/23 12:15	
Dieldrin	mg/kg	0.000065 U	0.0017	0.000065	05/26/23 12:15	
Endosulfan I	mg/kg	0.00019 U	0.0017	0.00019	05/26/23 12:15	
Endosulfan II	mg/kg	0.000076 U	0.0017	0.000076	05/26/23 12:15	
Endosulfan sulfate	mg/kg	0.000067 U	0.0017	0.000067	05/26/23 12:15	
Endrin	mg/kg	0.00011 U	0.0017	0.00011	05/26/23 12:15	
Endrin aldehyde	mg/kg	0.00011 U	0.0034	0.00011	05/26/23 12:15	
Endrin ketone	mg/kg	0.000079 U	0.0017	0.000079	05/26/23 12:15	
gamma-BHC (Lindane)	mg/kg	0.000049 U	0.0017	0.000049	05/26/23 12:15	
Heptachlor	mg/kg	0.00018 U	0.0017	0.00018	05/26/23 12:15	
Heptachlor epoxide	mg/kg	0.000073 U	0.0017	0.000073	05/26/23 12:15	
Methoxychlor	mg/kg	0.00025 U	0.0017	0.00025	05/26/23 12:15	
Toxaphene	mg/kg	0.0073 U	0.017	0.0073	05/26/23 12:15	
Decachlorobiphenyl (S)	%	100	43-157		05/26/23 12:15	
Tetrachloro-m-xylene (S)	%	95	53-140		05/26/23 12:15	

LABORATORY CONTROL SAMPLE: 5057385

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
4,4'-DDD	mg/kg	0.017	0.021	125	62-144	
4,4'-DDE	mg/kg	0.017	0.021	124	67-141	
4,4'-DDT	mg/kg	0.017	0.020	123	57-159	
Aldrin	mg/kg	0.017	0.019	111	70-136	
alpha-BHC	mg/kg	0.017	0.021	123	67-136	
beta-BHC	mg/kg	0.017	0.020	118	68-131	
delta-BHC	mg/kg	0.017	0.019	117	58-120	
Dieldrin	mg/kg	0.017	0.021	125	63-145	
Endosulfan I	mg/kg	0.017	0.020	120	66-129	
Endosulfan II	mg/kg	0.017	0.020	123	59-130	
Endosulfan sulfate	mg/kg	0.017	0.020	123	57-137	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

LABORATORY CONTROL SAMPLE: 5057385

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	mg/kg	0.017	0.023	135	67-147	
Endrin aldehyde	mg/kg	0.017	0.020	119	54-144	
Endrin ketone	mg/kg	0.017	0.021	125	60-139	
gamma-BHC (Lindane)	mg/kg	0.017	0.020	122	69-137	
Heptachlor	mg/kg	0.017	0.021	129	68-135	
Heptachlor epoxide	mg/kg	0.017	0.020	122	68-135	
Methoxychlor	mg/kg	0.017	0.020	118	57-153	
Decachlorobiphenyl (S)	%			110	43-157	
Tetrachloro-m-xylene (S)	%			110	53-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5057401 5057402

Parameter	Units	35800857001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	mg/kg	0.00018 U	0.02	0.02	0.020	0.018	100	91	62-144	10	40	
4,4'-DDE	mg/kg	0.00016 U	0.02	0.02	0.023	0.021	119	104	67-141	13	40	
4,4'-DDT	mg/kg	0.00024 U	0.02	0.02	0.018	0.016	91	79	57-159	15	40 J(CL)	
Aldrin	mg/kg	0.00040 U	0.02	0.02	0.017	0.016	85	81	70-136	5	40	
alpha-BHC	mg/kg	0.00022 U	0.02	0.02	0.018	0.017	91	88	67-136	3	40	
beta-BHC	mg/kg	0.00049 U	0.02	0.02	0.018	0.018	89	90	68-131	1	40	
delta-BHC	mg/kg	0.00021 U	0.02	0.02	0.017	0.017	86	83	58-120	3	40	
Dieldrin	mg/kg	0.00015 U	0.02	0.02	0.020	0.022	104	110	63-145	6	40	
Endosulfan I	mg/kg	0.00045 U	0.02	0.02	0.019	0.018	96	89	66-129	7	40	
Endosulfan II	mg/kg	0.00018 U	0.02	0.02	0.021	0.019	105	95	59-130	10	40	
Endosulfan sulfate	mg/kg	0.00016 U	0.02	0.02	0.017	0.016	88	82	57-137	7	40	
Endrin	mg/kg	0.00025 U	0.02	0.02	0.023	0.021	117	106	67-147	10	40	
Endrin aldehyde	mg/kg	0.00026 U	0.02	0.02	0.012	0.011	60	57	54-144	5	40	
Endrin ketone	mg/kg	0.00019 U	0.02	0.02	0.018	0.016	91	80	60-139	12	40	
gamma-BHC (Lindane)	mg/kg	0.00012 U	0.02	0.02	0.018	0.017	89	87	69-137	3	40	
Heptachlor	mg/kg	0.00043 U	0.02	0.02	0.020	0.019	99	95	68-135	4	40	
Heptachlor epoxide	mg/kg	0.00017 U	0.02	0.02	0.023	0.025	114	127	68-135	11	40	
Methoxychlor	mg/kg	0.00060 U	0.02	0.02	0.018	0.012	90	61	57-153	39	40 J(CL)	

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## REPORT OF LABORATORY ANALYSIS

## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			5057401		5057402							
Parameter	Units	35800857001	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec	Limits	RPD	Max
			Spike Conc.	Spike Conc.								Qual
Decachlorobiphenyl (S)	%						76	68	43-157			
Tetrachloro-m-xylene (S)	%						91	84	53-140			

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919655

Analysis Method: EPA 8270

QC Batch Method: EPA 3546

Analysis Description: 8270 Solid MSSV Microwave Short Spike

Associated Lab Samples: 35800857001, 35800857002

Laboratory: Pace Analytical Services - Ormond Beach

METHOD BLANK: 5057679

Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	05/23/23 15:09	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	05/23/23 15:09	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	05/23/23 15:09	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	05/23/23 15:09	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	05/23/23 15:09	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	05/23/23 15:09	
Benzo(a)pyrene	mg/kg	0.0083 U	0.034	0.0083	05/23/23 15:09	
Benzo(b)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	05/23/23 15:09	
Benzo(g,h,i)perylene	mg/kg	0.0084 U	0.034	0.0084	05/23/23 15:09	
Benzo(k)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	05/23/23 15:09	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	05/23/23 15:09	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	05/23/23 15:09	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	05/23/23 15:09	
Fluorene	mg/kg	0.012 U	0.037	0.012	05/23/23 15:09	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	05/23/23 15:09	
Naphthalene	mg/kg	0.012 U	0.035	0.012	05/23/23 15:09	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	05/23/23 15:09	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	05/23/23 15:09	
2-Fluorobiphenyl (S)	%	74	29-101		05/23/23 15:09	
Nitrobenzene-d5 (S)	%	68	24-98		05/23/23 15:09	
p-Terphenyl-d14 (S)	%	88	29-112		05/23/23 15:09	

LABORATORY CONTROL SAMPLE: 5057680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.2	72	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.2	73	37-115	
Acenaphthene	mg/kg	1.7	1.1	69	30-127	
Acenaphthylene	mg/kg	1.7	1.1	68	29-129	
Anthracene	mg/kg	1.7	1.3	80	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	81	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.4	85	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.3	80	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.4	87	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.5	89	39-133	
Chrysene	mg/kg	1.7	1.4	82	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	84	37-127	
Fluoranthene	mg/kg	1.7	1.4	83	39-130	
Fluorene	mg/kg	1.7	1.3	76	35-125	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

LABORATORY CONTROL SAMPLE: 5057680

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	84	35-133	
Naphthalene	mg/kg	1.7	1.1	68	36-115	
Phenanthrene	mg/kg	1.7	1.3	79	35-128	
Pyrene	mg/kg	1.7	1.4	83	37-132	
2-Fluorobiphenyl (S)	%			68	29-101	
Nitrobenzene-d5 (S)	%			60	24-98	
p-Terphenyl-d14 (S)	%			86	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5057727      5057728

Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD % Rec	% Rec Limits	Max		
		35800552025	Result	Spike Conc.	MSD Spike Conc.					RPD	RPD	Qual
1-Methylnaphthalene	mg/kg	0.0061	U	1.9	1.9	1.3	1.2	68	68	38-115	1	40
2-Methylnaphthalene	mg/kg	0.0058	U	1.9	1.9	1.3	1.3	69	69	37-115	1	40
Acenaphthene	mg/kg	0.018	U	1.9	1.9	1.2	1.2	67	67	30-127	0	40
Acenaphthylene	mg/kg	0.0058	U	1.9	1.9	1.2	1.2	67	67	29-129	1	40
Anthracene	mg/kg	0.0051	U	1.9	1.9	1.4	1.3	73	73	37-126	1	40
Benzo(a)anthracene	mg/kg	0.0049	U	1.9	1.9	1.4	1.4	77	76	37-130	2	40
Benzo(a)pyrene	mg/kg	0.0092	U	1.9	1.9	1.4	1.4	79	79	39-128	0	40
Benzo(b)fluoranthene	mg/kg	0.0099	U	1.9	1.9	1.4	1.3	74	74	38-128	2	40
Benzo(g,h,i)perylene	mg/kg	0.0093	U	1.9	1.9	1.5	1.6	83	85	34-136	1	40
Benzo(k)fluoranthene	mg/kg	0.0099	U	1.9	1.9	1.5	1.5	80	81	39-133	0	40
Chrysene	mg/kg	0.0049	U	1.9	1.9	1.4	1.4	77	76	39-125	2	40
Dibenz(a,h)anthracene	mg/kg	0.0086	U	1.9	1.9	1.5	1.5	81	81	37-127	0	40
Fluoranthene	mg/kg	0.012	U	1.9	1.9	1.4	1.4	76	76	39-130	1	40
Fluorene	mg/kg	0.013	U	1.9	1.9	1.3	1.3	73	71	35-125	3	40
Indeno(1,2,3-cd)pyrene	mg/kg	0.0085	U	1.9	1.9	1.5	1.5	81	81	35-133	0	40
Naphthalene	mg/kg	0.013	U	1.9	1.9	1.2	1.2	65	64	36-115	2	40
Phenanthrene	mg/kg	0.0053	U	1.9	1.9	1.4	1.4	74	74	35-128	1	40
Pyrene	mg/kg	0.0049	U	1.9	1.9	1.4	1.4	78	78	37-132	0	40
2-Fluorobiphenyl (S)	%							66	67	29-101		
Nitrobenzene-d5 (S)	%							56	56	24-98		
p-Terphenyl-d14 (S)	%							80	80	29-112		

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919844

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: 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

METHOD BLANK: 5058531

Matrix: Solid

Associated Lab Samples: 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	05/30/23 13:42	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	05/30/23 13:42	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	05/30/23 13:42	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	05/30/23 13:42	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	05/30/23 13:42	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	05/30/23 13:42	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	05/30/23 13:42	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/30/23 13:42	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	05/30/23 13:42	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	05/30/23 13:42	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	05/30/23 13:42	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	05/30/23 13:42	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	05/30/23 13:42	
Fluorene	mg/kg	0.012 U	0.037	0.012	05/30/23 13:42	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	05/30/23 13:42	
Naphthalene	mg/kg	0.012 U	0.035	0.012	05/30/23 13:42	
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	05/30/23 13:42	
Pyrene	mg/kg	0.0045 U	0.034	0.0045	05/30/23 13:42	
2-Fluorobiphenyl (S)	%	70	29-101		05/30/23 13:42	
Nitrobenzene-d5 (S)	%	62	24-98		05/30/23 13:42	
p-Terphenyl-d14 (S)	%	86	29-112		05/30/23 13:42	

LABORATORY CONTROL SAMPLE: 5058532

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.2	70	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.2	71	37-115	
Acenaphthene	mg/kg	1.7	1.1	68	30-127	
Acenaphthylene	mg/kg	1.7	1.1	68	29-129	
Anthracene	mg/kg	1.7	1.3	77	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	80	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.4	85	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.3	78	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.4	87	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.4	86	39-133	
Chrysene	mg/kg	1.7	1.4	82	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	85	37-127	
Fluoranthene	mg/kg	1.7	1.4	82	39-130	
Fluorene	mg/kg	1.7	1.2	74	35-125	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

LABORATORY CONTROL SAMPLE: 5058532

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.3	79	35-133	
Naphthalene	mg/kg	1.7	1.1	68	36-115	
Phenanthrene	mg/kg	1.7	1.2	75	35-128	
Pyrene	mg/kg	1.7	1.3	78	37-132	
2-Fluorobiphenyl (S)	%			70	29-101	
Nitrobenzene-d5 (S)	%			61	24-98	
p-Terphenyl-d14 (S)	%			86	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5058624 5058625

Parameter	Units	MS		MSD		MS		MSD		% Rec		Max RPD	RPD Qual
		35801093002	Result	Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	Limits			
1-Methylnaphthalene	mg/kg	0.0065	U	2	2	1.1	1.0	59	53	38-115	10	40	
2-Methylnaphthalene	mg/kg	0.0061	U	2	2	1.1	1.0	58	53	37-115	9	40	
Acenaphthene	mg/kg	0.019	U	2	2	1.1	0.99	56	51	30-127	9	40	
Acenaphthylene	mg/kg	0.0061	U	2	2	1.1	1.0	56	52	29-129	8	40	
Anthracene	mg/kg	0.0053	U	2	2	1.2	1.1	63	59	37-126	6	40	
Benzo(a)anthracene	mg/kg	0.0052	U	2	2	1.3	1.2	66	62	37-130	6	40	
Benzo(a)pyrene	mg/kg	0.0097	U	2	2	1.3	1.3	69	67	39-128	3	40	
Benzo(b)fluoranthene	mg/kg	0.010	U	2	2	1.2	1.2	64	62	38-128	4	40	
Benzo(g,h,i)perylene	mg/kg	0.0098	U	2	2	1.4	1.4	74	71	34-136	4	40	
Benzo(k)fluoranthene	mg/kg	0.010	U	2	2	1.3	1.3	68	67	39-133	2	40	
Chrysene	mg/kg	0.0052	U	2	2	1.3	1.3	67	65	39-125	3	40	
Dibenz(a,h)anthracene	mg/kg	0.0090	U	2	2	1.4	1.4	72	70	37-127	3	40	
Fluoranthene	mg/kg	0.013	U	2	2	1.3	1.2	68	62	39-130	9	40	
Fluorene	mg/kg	0.014	U	2	2	1.2	1.1	62	56	35-125	10	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0089	U	2	2	1.3	1.2	67	64	35-133	5	40	
Naphthalene	mg/kg	0.014	U	2	2	1.1	0.97	55	50	36-115	8	40	
Phenanthrene	mg/kg	0.0056	U	2	2	1.2	1.1	62	57	35-128	8	40	
Pyrene	mg/kg	0.0052	U	2	2	1.2	1.1	61	58	37-132	5	40	
2-Fluorobiphenyl (S)	%							59	57	29-101			
Nitrobenzene-d5 (S)	%							49	47	24-98			
p-Terphenyl-d14 (S)	%							69	69	29-112			

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919731 Analysis Method: FL-PRO

QC Batch Method: EPA 3546 Analysis Description: FL-PRO Soil

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

METHOD BLANK: 5057937 Matrix: Solid

Associated Lab Samples: 35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006, 35800857007, 35800857008

Parameter	Units	Blank	Reporting		MDL	Analyzed	Qualifiers
		Result	Limit				
Petroleum Range Organics	mg/kg	5.1	U	6.0	5.1	05/23/23 17:31	
N-Pentatriacontane (S)	%	93		42-159		05/23/23 17:31	
o-Terphenyl (S)	%	96		66-136		05/23/23 17:31	

LABORATORY CONTROL SAMPLE: 5057938

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
Petroleum Range Organics	mg/kg	198	179	90	65-119	
N-Pentatriacontane (S)	%			82	42-159	
o-Terphenyl (S)	%			78	66-136	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5058321 5058322

Parameter	Units	MS		MSD		MS	MSD	% Rec	Limits	RPD	Max
		35800857003	Result	Spike	Conc.	MS	Result	% Rec	MSD	% Rec	RPD
Petroleum Range Organics	mg/kg	21.4	266	267	309	315	108	110	39-181	2	25
N-Pentatriacontane (S)	%						85	90	42-159		
o-Terphenyl (S)	%						84	85	66-136		

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch: 919672 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: 35800857001, 35800857002, 35800857003, 35800857004, 35800857005, 35800857006

SAMPLE DUPLICATE: 5057718

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.7	7.7	1	10	

SAMPLE DUPLICATE: 5057719

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	31.0	30.4	2	10	

SAMPLE DUPLICATE: 5057720

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.2	16.3	7	10	

SAMPLE DUPLICATE: 5057721

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	11.4	9	10	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800857

QC Batch:	919736	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: 35800857007, 35800857008			

SAMPLE DUPLICATE: 5057949

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	98.9	98.9	0	10	

SAMPLE DUPLICATE: 5057950

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.5	3	10	

SAMPLE DUPLICATE: 5057951

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.3	4.4	4	10	

SAMPLE DUPLICATE: 5057952

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.5	2.0	22	10	J(D6)

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## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: Lena Road Parcel 103  
 Pace Project No.: 35800857

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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.
- C2     Relative percent difference between results from each column was greater than 40%. The lower of the two results was reported.
- D3     Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- ED     Due to the extract's physical characteristics, the analysis was performed at dilution.
- J(CL)   Estimated value. The continuing calibration for this compound is outside of method acceptance limits. The results may be biased low.
- J(D6)   Estimated Value. The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
- 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.
- J(v2)   The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3)   The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
- L      Off-scale high. Actual value is known to be greater than value given.
- MS     Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
- P1     Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.

## REPORT OF LABORATORY ANALYSIS

## QUALIFIERS

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

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### ANALYTE QUALIFIERS

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples.

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800857001	SB-12 (0-0.5)	EPA 3546	919477	EPA 8081	919683
35800857002	SB-12 (0.5-2)	EPA 3546	919477	EPA 8081	919683
35800857003	SB-12 (2-3.5)	EPA 3546	919477	EPA 8081	919683
35800857004	SB-9 (0-0.5)	EPA 3546	919477	EPA 8081	919683
35800857005	SB-9 (0.5-2)	EPA 3546	919477	EPA 8081	919683
35800857006	SB-16 (0-0.5)	EPA 3546	919477	EPA 8081	919683
35800857007	SB-16 (0.5-2)	EPA 3546	919477	EPA 8081	919683
35800857008	SB-16 (2-3)	EPA 3546	919477	EPA 8081	919683
35800857001	SB-12 (0-0.5)	EPA 3546	919731	FL-PRO	920106
35800857002	SB-12 (0.5-2)	EPA 3546	919731	FL-PRO	920106
35800857003	SB-12 (2-3.5)	EPA 3546	919731	FL-PRO	920106
35800857004	SB-9 (0-0.5)	EPA 3546	919731	FL-PRO	920106
35800857005	SB-9 (0.5-2)	EPA 3546	919731	FL-PRO	920106
35800857006	SB-16 (0-0.5)	EPA 3546	919731	FL-PRO	920106
35800857007	SB-16 (0.5-2)	EPA 3546	919731	FL-PRO	920106
35800857008	SB-16 (2-3)	EPA 3546	919731	FL-PRO	920106
35800857001	SB-12 (0-0.5)	EPA 3050	919813	EPA 6010	919843
35800857002	SB-12 (0.5-2)	EPA 3050	919813	EPA 6010	919843
35800857003	SB-12 (2-3.5)	EPA 3050	919813	EPA 6010	919843
35800857004	SB-9 (0-0.5)	EPA 3050	919813	EPA 6010	919843
35800857005	SB-9 (0.5-2)	EPA 3050	919813	EPA 6010	919843
35800857006	SB-16 (0-0.5)	EPA 3050	919813	EPA 6010	919843
35800857007	SB-16 (0.5-2)	EPA 3050	919813	EPA 6010	919843
35800857008	SB-16 (2-3)	EPA 3050	919813	EPA 6010	919843
35800857001	SB-12 (0-0.5)	EPA 7471	919739	EPA 7471	919764
35800857002	SB-12 (0.5-2)	EPA 7471	919739	EPA 7471	919764
35800857003	SB-12 (2-3.5)	EPA 7471	919740	EPA 7471	919954
35800857004	SB-9 (0-0.5)	EPA 7471	919740	EPA 7471	919954
35800857005	SB-9 (0.5-2)	EPA 7471	919740	EPA 7471	919954
35800857006	SB-16 (0-0.5)	EPA 7471	919740	EPA 7471	919954
35800857007	SB-16 (0.5-2)	EPA 7471	919740	EPA 7471	919954
35800857008	SB-16 (2-3)	EPA 7471	919740	EPA 7471	919954
35800857001	SB-12 (0-0.5)	EPA 3546	919655	EPA 8270	920148
35800857002	SB-12 (0.5-2)	EPA 3546	919655	EPA 8270	920148
35800857003	SB-12 (2-3.5)	EPA 3546	919844	EPA 8270	921802
35800857004	SB-9 (0-0.5)	EPA 3546	919844	EPA 8270	921802
35800857005	SB-9 (0.5-2)	EPA 3546	919844	EPA 8270	921802
35800857006	SB-16 (0-0.5)	EPA 3546	919844	EPA 8270	921802
35800857007	SB-16 (0.5-2)	EPA 3546	919844	EPA 8270	921802
35800857008	SB-16 (2-3)	EPA 3546	919844	EPA 8270	921802
35800857001	SB-12 (0-0.5)	EPA 5035	919729	EPA 8260	919761
35800857002	SB-12 (0.5-2)	EPA 5035	919729	EPA 8260	919761
35800857003	SB-12 (2-3.5)	EPA 5035	920620	EPA 8260	920685
35800857004	SB-9 (0-0.5)	EPA 5035	920620	EPA 8260	920685

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Parcel 103  
Pace Project No.: 35800857

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800857005	SB-9 (0.5-2)	EPA 5035	920819	EPA 8260	920827
35800857006	SB-16 (0-0.5)	EPA 5035	920819	EPA 8260	920827
35800857007	SB-16 (0.5-2)	EPA 5035	920819	EPA 8260	920827
35800857008	SB-16 (2-3)	EPA 5035	920819	EPA 8260	920827
35800857001	SB-12 (0-0.5)	ASTM D2974-87	919672		
35800857002	SB-12 (0.5-2)	ASTM D2974-87	919672		
35800857003	SB-12 (2-3.5)	ASTM D2974-87	919672		
35800857004	SB-9 (0-0.5)	ASTM D2974-87	919672		
35800857005	SB-9 (0.5-2)	ASTM D2974-87	919672		
35800857006	SB-16 (0-0.5)	ASTM D2974-87	919672		
35800857007	SB-16 (0.5-2)	ASTM D2974-87	919736		
35800857008	SB-16 (2-3)	ASTM D2974-87	919736		

### REPORT OF LABORATORY ANALYSIS

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MO# : 35800857

**CHAIN-OF-CUSTODY / Analytical Requests**

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant field  
Information and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com>

**Section A****Required Client Information:**

Company: Kimley-Horn &amp; Assoc. - Tampa

Address: 201 N Franklin Street

Suite 1400 Tampa, FL 33602

Email: logan.bridges@kimley-horn.com

Phone: (500)630-3139

Fax:

Requested Due Date: Standard TAT

**Section C****Invoice Information:**

Report To: Logan Bridges

Copy To: Bill.Spinney@Kimley-Horn.com

Purchase Order #:

Project Name: Lena Road Parcel 103

Pace Project Manager: lori.palmer@pacelabs.com

Pace Profile #: 16096-14

**Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com****Section B****Required Project Information:**

Company Name:

Address:

Project Name:

Pace Quote:

Pace Project Manager:

Pace Profile #:

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

FL

ITEM #	SAMPLE ID <small>One Character per box. (A-Z, 0-9, -, ) Sample IDs must be unique</small>	COLLECTED				Preservatives	Y/N	Requested Analysis Filtered (Y/N)
		MATRIX CODE	DATE	TIME	DATE			
1	SB-12 (0-0.5)	SL6	5/18/23	0952		5 X		
2	↓ (0.5-2)			0451				
3	↓ (2-3.5)			1000				
4	SB-a (0-0.5)			105b				
5	↓ (0.5-2)			1100				
6	SB-1b (0-0.5)			1120				
7	↓ (0.5-2)			112H				
8	↓ (2-3)			1128				
9								
10								
11								
12								
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Bottle Kit		Leanna Shaffer	Pace	05/12/23	13:27	<i>Logan Bridges</i>	5/12/23	17:00
TEMP in C								
Received on ice (Y/N)								
Custody Sealed Cooler (Y/N)								
Samples Intact (Y/N)								

SAMPLER NAME AND SIGNATURE

PRINT Name or SAMPLER: Logan Bridges

SIGNATURE of SAMPLER: *Logan Bridges*

DATE Signed: 5/18/2023

Pace

Date and Initials of person:

Examining contents: EC 5/19/23

Label: \_\_\_\_\_

Deliver: \_\_\_\_\_

pH: \_\_\_\_\_

Initials: DS

Project #  
Project Manager:  
Client:

Sample Condition Upon Receipt Form (SCUR)

WO# : 35800857

PM: LAP Due Date: 05/26/23  
CLIENT: 37-KIHOTA

Thermometer Used: T-202

Date: 5-19-23

Time: 1204

State of Origin: FL

For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 3.2 (Visual) +0.2 (Correction Factor) 3.4 (Actual)

Samples on ice, cooling process has begun.

Cooler #2 Temp. °C (Visual) (Correction Factor) (Actual)

Samples on ice, cooling process has begun.

Cooler #3 Temp. °C (Visual) (Correction Factor) (Actual)

Samples on ice, cooling process has begun.

Cooler #4 Temp. °C (Visual) (Correction Factor) (Actual)

Samples on ice, cooling process has begun.

Cooler #5 Temp. °C (Visual) (Correction Factor) (Actual)

Samples on ice, cooling process has begun.

Cooler #6 Temp. °C (Visual) (Correction Factor) (Actual)

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 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 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 type="checkbox"/> Yes <input checked="" 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 checked="" 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	Preservation Information			
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	Preservative: _____	Date: _____	Lot / Trace: _____	Time: _____
Exceptions: Vials, Microbiology, O&G, PFAS		Amount added (mL): _____	Initials: _____		
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				

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

June 14, 2023

Logan Bridges  
Kimley-Horn  
201 N Franklin Street  
Suite 1400  
Tampa, FL 33602

RE: Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Dear Logan Bridges:

Enclosed are the analytical results for sample(s) received by the laboratory on May 19, 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
- Pace Analytical Services - Greensburg

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

Sincerely,



Lori Palmer  
lori.palmer@pacelabs.com  
813-855-1844  
Project Manager

Enclosures

cc: Jamin Frommel, Kimley-Horn  
William Spinner, Kimley-Horn & Associates Inc



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Lena Road Parcel 103  
 Pace Project No.: 35800855

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### Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601  
 ANAB DOD-ELAP Rad Accreditation #: L2417  
 Alabama Certification #: 41590  
 Arizona Certification #: AZ0734  
 Arkansas Certification  
 California Certification #: 04222CA  
 Colorado Certification #: PA01547  
 Connecticut Certification #: PH-0694  
 Delaware Certification  
 EPA Region 4 DW Rad  
 Florida/TNI Certification #: E87683  
 Georgia Certification #: C040  
 Florida: Cert E871149 SEKS WET  
 Guam Certification  
 Hawaii Certification  
 Idaho Certification  
 Illinois Certification  
 Indiana Certification  
 Iowa Certification #: 391  
 Kansas/TNI Certification #: E-10358  
 Kentucky Certification #: KY90133  
 KY WW Permit #: KY0098221  
 KY WW Permit #: KY0000221  
 Louisiana DHH/TNI Certification #: LA180012  
 Louisiana DEQ/TNI Certification #: 4086  
 Maine Certification #: 2017020  
 Maryland Certification #: 308  
 Massachusetts Certification #: M-PA1457  
 Michigan/PADEP Certification #: 9991  
 Missouri Certification #: 235  
 Montana Certification #: Cert0082  
 Nebraska Certification #: NE-OS-29-14  
 Nevada Certification #: PA014572018-1  
 New Hampshire/TNI Certification #: 297617  
 New Jersey/TNI Certification #: PA051  
 New Mexico Certification #: PA01457  
 New York/TNI Certification #: 10888  
 North Carolina Certification #: 42706  
 North Dakota Certification #: R-190  
 Ohio EPA Rad Approval: #41249  
 Oregon/TNI Certification #: PA200002-010  
 Pennsylvania/TNI Certification #: 65-00282  
 Puerto Rico Certification #: PA01457  
 Rhode Island Certification #: 65-00282  
 South Dakota Certification  
 Tennessee Certification #: 02867  
 Texas/TNI Certification #: T104704188-17-3  
 Utah/TNI Certification #: PA014572017-9  
 USDA Soil Permit #: P330-17-00091  
 Vermont Dept. of Health: ID# VT-0282  
 Virgin Island/PADEP Certification  
 Virginia/VELAP Certification #: 460198  
 Washington Certification #: C868  
 West Virginia DEP Certification #: 143  
 West Virginia DHHR Certification #: 9964C  
 Wisconsin Approve List for Rad  
 Wyoming Certification #: 8TMS-L

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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  
 DOD-ANAB #:ADE-3199  
 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

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## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

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**Pace Analytical Services Ormond Beach**

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: Lena Road Parcel 103  
Pace Project No.: 35800855

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35800855001	TMW-1	Water	05/18/23 11:31	05/19/23 09:45
35800855002	TMW-3	Water	05/18/23 09:32	05/19/23 09:45
35800855003	TMW-4	Water	05/18/23 12:49	05/19/23 09:45
35800855004	SW-1	Water	05/18/23 11:50	05/19/23 09:45
35800855005	SW-2	Water	05/18/23 12:20	05/19/23 09:45

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35800855001	TMW-1	EPA 8081	CB1	22	PASI-O
		FL-PRO	NCB1	3	PASI-O
		EPA 6010	KC2	11	PASI-O
		EPA 6020	BSL	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 8270 by SIM	JPB	20	PASI-O
		EPA 8260	AS4	45	PASI-O
		EPA 900.0	KET	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2540C	WW1	1	PASI-O
35800855002	TMW-3	EPA 8081	CB1	22	PASI-O
		FL-PRO	NCB1	3	PASI-O
		EPA 6010	KC2	11	PASI-O
		EPA 6020	BSL	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 8270 by SIM	JPB	20	PASI-O
		EPA 8260	AS4	45	PASI-O
		EPA 900.0	KET	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2540C	HDV	1	PASI-O
35800855003	TMW-4	EPA 8081	CB1	22	PASI-O
		FL-PRO	NCB1	3	PASI-O
		EPA 6010	KC2	11	PASI-O
		EPA 6020	LEC	1	PASI-O
		EPA 7470	JNK	1	PASI-O
		EPA 8270 by SIM	JPB	20	PASI-O
		EPA 8260	AS4	45	PASI-O
		SM 7110C-11	KET	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2540C	WW1	1	PASI-O
35800855004	SW-1	EPA 8081	CB1	22	PASI-O

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35800855005	SW-2	FL-PRO	NCB1	3	PASI-O
		EPA 200.7	TMA	11	PASI-O
		EPA 200.8	LEC	1	PASI-O
		EPA 245.1	JNK	1	PASI-O
		EPA 8270 by SIM	JPB	20	PASI-O
		EPA 8260	AS4	45	PASI-O
		EPA 900.0	KET	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2540C	WW1	1	PASI-O
		EPA 8081	CB1	22	PASI-O
		FL-PRO	NCB1	3	PASI-O
		EPA 200.7	TMA	11	PASI-O
		EPA 200.8	LEC	1	PASI-O
		EPA 245.1	JNK	1	PASI-O
		EPA 8270 by SIM	JPB	20	PASI-O
		EPA 8260	AS4	45	PASI-O
		EPA 900.0	KET	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		SM 2540C	WW1	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

PASI-PA = Pace Analytical Services - Greensburg

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-1	Lab ID: 35800855001	Collected: 05/18/23 11:31	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0087 U</b>	ug/L	0.0095	0.0087	1	05/22/23 11:07	05/30/23 06:44	309-00-2	
alpha-BHC	<b>0.0020 U</b>	ug/L	0.0095	0.0020	1	05/22/23 11:07	05/30/23 06:44	319-84-6	
beta-BHC	<b>0.019 U</b>	ug/L	0.028	0.019	1	05/22/23 11:07	05/30/23 06:44	319-85-7	
delta-BHC	<b>0.0094 U</b>	ug/L	0.0095	0.0094	1	05/22/23 11:07	05/30/23 06:44	319-86-8	
gamma-BHC (Lindane)	<b>0.0021 U</b>	ug/L	0.0095	0.0021	1	05/22/23 11:07	05/30/23 06:44	58-89-9	
Chlordane (Technical)	<b>0.23 U</b>	ug/L	0.47	0.23	1	05/22/23 11:07	05/30/23 06:44	57-74-9	
4,4'-DDD	<b>0.0026 U</b>	ug/L	0.0095	0.0026	1	05/22/23 11:07	05/30/23 06:44	72-54-8	
4,4'-DDE	<b>0.0047 U</b>	ug/L	0.0095	0.0047	1	05/22/23 11:07	05/30/23 06:44	72-55-9	
4,4'-DDT	<b>0.0048 U</b>	ug/L	0.0095	0.0048	1	05/22/23 11:07	05/30/23 06:44	50-29-3	
Dieldrin	<b>0.0019 U</b>	ug/L	0.0095	0.0019	1	05/22/23 11:07	05/30/23 06:44	60-57-1	
Endosulfan I	<b>0.0048 U</b>	ug/L	0.0095	0.0048	1	05/22/23 11:07	05/30/23 06:44	959-98-8	
Endosulfan II	<b>0.0038 U</b>	ug/L	0.0095	0.0038	1	05/22/23 11:07	05/30/23 06:44	33213-65-9	
Endosulfan sulfate	<b>0.0026 U</b>	ug/L	0.095	0.0026	1	05/22/23 11:07	05/30/23 06:44	1031-07-8	
Endrin	<b>0.0041 U</b>	ug/L	0.0095	0.0041	1	05/22/23 11:07	05/30/23 06:44	72-20-8	
Endrin aldehyde	<b>0.0034 U</b>	ug/L	0.095	0.0034	1	05/22/23 11:07	05/30/23 06:44	7421-93-4	
Endrin ketone	<b>0.0047 U</b>	ug/L	0.0095	0.0047	1	05/22/23 11:07	05/30/23 06:44	53494-70-5	
Heptachlor	<b>0.0059 U</b>	ug/L	0.0095	0.0059	1	05/22/23 11:07	05/30/23 06:44	76-44-8	
Heptachlor epoxide	<b>0.0028 U</b>	ug/L	0.019	0.0028	1	05/22/23 11:07	05/30/23 06:44	1024-57-3	
Methoxychlor	<b>0.0040 U</b>	ug/L	0.0095	0.0040	1	05/22/23 11:07	05/30/23 06:44	72-43-5	
Toxaphene	<b>0.24 U</b>	ug/L	0.47	0.24	1	05/22/23 11:07	05/30/23 06:44	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	56	%	27-124		1	05/22/23 11:07	05/30/23 06:44	877-09-8	
Decachlorobiphenyl (S)	34	%	10-132		1	05/22/23 11:07	05/30/23 06:44	2051-24-3	
<b>FL-PRO Water, Low Volume</b>	Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>0.72 U</b>	mg/L	0.91	0.72	1	05/21/23 16:15	05/22/23 20:21		
<b>Surrogates</b>									
o-Terphenyl (S)	80	%	66-139		1	05/21/23 16:15	05/22/23 20:21	84-15-1	
N-Pentatriacontane (S)	87	%	42-159		1	05/21/23 16:15	05/22/23 20:21	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach								
Antimony	<b>5.5 U</b>	ug/L	15.0	5.5	1	05/20/23 06:42	05/23/23 01:39	7440-36-0	
Arsenic	<b>8.3 I</b>	ug/L	10.0	3.4	1	05/20/23 06:42	05/23/23 01:39	7440-38-2	
Beryllium	<b>0.19 I</b>	ug/L	4.0	0.17	1	05/20/23 06:42	05/23/23 01:39	7440-41-7	
Cadmium	<b>0.33 U</b>	ug/L	1.0	0.33	1	05/20/23 06:42	05/23/23 01:39	7440-43-9	
Chromium	<b>3.6 I</b>	ug/L	5.0	1.7	1	05/20/23 06:42	05/23/23 01:39	7440-47-3	
Copper	<b>2.6 U</b>	ug/L	5.0	2.6	1	05/20/23 06:42	05/23/23 01:39	7440-50-8	
Lead	<b>2.1 U</b>	ug/L	10.0	2.1	1	05/20/23 06:42	05/23/23 01:39	7439-92-1	
Nickel	<b>4.0 I</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/23/23 01:39	7440-02-0	
Selenium	<b>3.9 U</b>	ug/L	15.0	3.9	1	05/20/23 06:42	05/23/23 01:39	7782-49-2	
Silver	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/23/23 01:39	7440-22-4	
Zinc	<b>11.0 U</b>	ug/L	20.0	11.0	1	05/20/23 06:42	05/23/23 01:39	7440-66-6	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-1	Lab ID: 35800855001	Collected: 05/18/23 11:31	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>	Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach								
Thallium	<b>0.11</b> U	ug/L	1.0	0.11	1	05/20/23 06:42	05/21/23 21:08	7440-28-0	
<b>7470 Mercury</b>	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.090</b> U	ug/L	0.20	0.090	1	05/23/23 06:06	05/25/23 13:28	7439-97-6	
<b>8270 MSSV PAHLV by SIM</b>	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.020</b> I	ug/L	0.45	0.017	1	05/22/23 12:43	05/23/23 17:17	83-32-9	
Acenaphthylene	<b>0.028</b> U	ug/L	0.45	0.028	1	05/22/23 12:43	05/23/23 17:17	208-96-8	
Anthracene	<b>0.018</b> U	ug/L	0.45	0.018	1	05/22/23 12:43	05/23/23 17:17	120-12-7	
Benzo(a)anthracene	<b>0.018</b> U	ug/L	0.091	0.018	1	05/22/23 12:43	05/23/23 17:17	56-55-3	
Benzo(a)pyrene	<b>0.019</b> U	ug/L	0.18	0.019	1	05/22/23 12:43	05/23/23 17:17	50-32-8	
Benzo(b)fluoranthene	<b>0.025</b> U	ug/L	0.091	0.025	1	05/22/23 12:43	05/23/23 17:17	205-99-2	
Benzo(g,h,i)perylene	<b>0.021</b> U	ug/L	0.45	0.021	1	05/22/23 12:43	05/23/23 17:17	191-24-2	
Benzo(k)fluoranthene	<b>0.022</b> U	ug/L	0.45	0.022	1	05/22/23 12:43	05/23/23 17:17	207-08-9	
Chrysene	<b>0.024</b> U	ug/L	0.45	0.024	1	05/22/23 12:43	05/23/23 17:17	218-01-9	
Dibenz(a,h)anthracene	<b>0.023</b> U	ug/L	0.14	0.023	1	05/22/23 12:43	05/23/23 17:17	53-70-3	
Fluoranthene	<b>0.016</b> U	ug/L	0.45	0.016	1	05/22/23 12:43	05/23/23 17:17	206-44-0	
Fluorene	<b>0.015</b> U	ug/L	0.45	0.015	1	05/22/23 12:43	05/23/23 17:17	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.022</b> U	ug/L	0.14	0.022	1	05/22/23 12:43	05/23/23 17:17	193-39-5	
1-Methylnaphthalene	<b>0.035</b> U	ug/L	1.8	0.035	1	05/22/23 12:43	05/23/23 17:17	90-12-0	
2-Methylnaphthalene	<b>0.062</b> U	ug/L	1.8	0.062	1	05/22/23 12:43	05/23/23 17:17	91-57-6	
Naphthalene	<b>0.26</b> U	ug/L	1.8	0.26	1	05/22/23 12:43	05/23/23 17:17	91-20-3	
Phenanthrene	<b>0.017</b> U	ug/L	0.45	0.017	1	05/22/23 12:43	05/23/23 17:17	85-01-8	
Pyrene	<b>0.029</b> U	ug/L	0.45	0.029	1	05/22/23 12:43	05/23/23 17:17	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	71	%	32-100		1	05/22/23 12:43	05/23/23 17:17	321-60-8	
p-Terphenyl-d14 (S)	81	%	48-112		1	05/22/23 12:43	05/23/23 17:17	1718-51-0	
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Acetone	<b>8.7</b> U	ug/L	25.0	8.7	1		05/21/23 23:04	67-64-1	
Benzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:04	71-43-2	
Bromochloromethane	<b>0.37</b> U	ug/L	1.0	0.37	1		05/21/23 23:04	74-97-5	
Bromodichloromethane	<b>0.19</b> U	ug/L	1.0	0.19	1		05/21/23 23:04	75-27-4	
Bromoform	<b>0.48</b> U	ug/L	3.0	0.48	1		05/21/23 23:04	75-25-2	
Bromomethane	<b>3.9</b> U	ug/L	10.0	3.9	1		05/21/23 23:04	74-83-9	J(v2)
2-Butanone (MEK)	<b>6.7</b> U	ug/L	50.0	6.7	1		05/21/23 23:04	78-93-3	
Carbon disulfide	<b>1.8</b> U	ug/L	10.0	1.8	1		05/21/23 23:04	75-15-0	
Carbon tetrachloride	<b>0.44</b> U	ug/L	3.0	0.44	1		05/21/23 23:04	56-23-5	
Chlorobenzene	<b>6.8</b>	ug/L	1.0	0.35	1		05/21/23 23:04	108-90-7	
Chloroethane	<b>3.7</b> U	ug/L	10.0	3.7	1		05/21/23 23:04	75-00-3	
Chloroform	<b>0.56</b> U	ug/L	1.0	0.56	1		05/21/23 23:04	67-66-3	
Chloromethane	<b>0.43</b> U	ug/L	1.0	0.43	1		05/21/23 23:04	74-87-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-1	Lab ID: 35800855001	Collected: 05/18/23 11:31	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Dibromochloromethane	<b>0.45 U</b>	ug/L	2.0	0.45	1		05/21/23 23:04	124-48-1	
Dibromomethane	<b>0.68 U</b>	ug/L	2.0	0.68	1		05/21/23 23:04	74-95-3	
1,2-Dichlorobenzene	<b>0.73 I</b>	ug/L	1.0	0.60	1		05/21/23 23:04	95-50-1	
1,3-Dichlorobenzene	<b>0.33 U</b>	ug/L	1.0	0.33	1		05/21/23 23:04	541-73-1	
1,4-Dichlorobenzene	<b>7.7</b>	ug/L	1.0	0.28	1		05/21/23 23:04	106-46-7	
1,1-Dichloroethane	<b>0.34 U</b>	ug/L	1.0	0.34	1		05/21/23 23:04	75-34-3	
1,2-Dichloroethane	<b>0.27 U</b>	ug/L	1.0	0.27	1		05/21/23 23:04	107-06-2	
1,1-Dichloroethene	<b>0.59 U</b>	ug/L	1.0	0.59	1		05/21/23 23:04	75-35-4	
cis-1,2-Dichloroethene	<b>0.27 U</b>	ug/L	1.0	0.27	1		05/21/23 23:04	156-59-2	
trans-1,2-Dichloroethene	<b>0.23 U</b>	ug/L	1.0	0.23	1		05/21/23 23:04	156-60-5	
1,2-Dichloropropane	<b>0.23 U</b>	ug/L	1.0	0.23	1		05/21/23 23:04	78-87-5	
Ethylbenzene	<b>0.30 U</b>	ug/L	1.0	0.30	1		05/21/23 23:04	100-41-4	
2-Hexanone	<b>3.2 U</b>	ug/L	25.0	3.2	1		05/21/23 23:04	591-78-6	
Isopropylbenzene (Cumene)	<b>1.8</b>	ug/L	1.0	0.30	1		05/21/23 23:04	98-82-8	
Methylene Chloride	<b>1.7 U</b>	ug/L	5.0	1.7	1		05/21/23 23:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>7.5 U</b>	ug/L	25.0	7.5	1		05/21/23 23:04	108-10-1	
Methyl-tert-butyl ether	<b>1.2 U</b>	ug/L	5.0	1.2	1		05/21/23 23:04	1634-04-4	
Styrene	<b>0.26 U</b>	ug/L	1.0	0.26	1		05/21/23 23:04	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.59 U</b>	ug/L	1.0	0.59	1		05/21/23 23:04	79-34-5	
Tetrachloroethene	<b>0.38 U</b>	ug/L	1.0	0.38	1		05/21/23 23:04	127-18-4	
Toluene	<b>0.33 U</b>	ug/L	1.0	0.33	1		05/21/23 23:04	108-88-3	
1,1,1-Trichloroethane	<b>0.30 U</b>	ug/L	1.0	0.30	1		05/21/23 23:04	71-55-6	
1,1,2-Trichloroethane	<b>0.30 U</b>	ug/L	1.0	0.30	1		05/21/23 23:04	79-00-5	
Trichloroethene	<b>0.36 U</b>	ug/L	1.0	0.36	1		05/21/23 23:04	79-01-6	
Trichlorofluoromethane	<b>0.72 U</b>	ug/L	1.0	0.72	1		05/21/23 23:04	75-69-4	
1,2,4-Trimethylbenzene	<b>0.24 U</b>	ug/L	1.0	0.24	1		05/21/23 23:04	95-63-6	
1,3,5-Trimethylbenzene	<b>0.24 U</b>	ug/L	1.0	0.24	1		05/21/23 23:04	108-67-8	
Vinyl chloride	<b>0.39 U</b>	ug/L	1.0	0.39	1		05/21/23 23:04	75-01-4	
Xylene (Total)	<b>2.1 U</b>	ug/L	5.0	2.1	1		05/21/23 23:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		05/21/23 23:04	460-00-4	J(HS)
Toluene-d8 (S)	99	%	70-130		1		05/21/23 23:04	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		05/21/23 23:04	2199-69-1	
<b>2540C Total Dissolved Solids</b>	Analytical Method: SM 2540C Pace Analytical Services - Ormond Beach								
Total Dissolved Solids	<b>476</b>	mg/L	10.0	10.0	1		05/24/23 12:52		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-3	Lab ID: 35800855002	Collected: 05/18/23 09:32	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0087 U</b>	ug/L	0.0094	0.0087	1	05/22/23 11:07	05/30/23 06:57	309-00-2	
alpha-BHC	<b>0.0020 U</b>	ug/L	0.0094	0.0020	1	05/22/23 11:07	05/30/23 06:57	319-84-6	
beta-BHC	<b>0.028 I</b>	ug/L	0.028	0.019	1	05/22/23 11:07	05/30/23 06:57	319-85-7	C2
delta-BHC	<b>0.0093 U</b>	ug/L	0.0094	0.0093	1	05/22/23 11:07	05/30/23 06:57	319-86-8	
gamma-BHC (Lindane)	<b>0.0021 U</b>	ug/L	0.0094	0.0021	1	05/22/23 11:07	05/30/23 06:57	58-89-9	
Chlordane (Technical)	<b>0.23 U</b>	ug/L	0.47	0.23	1	05/22/23 11:07	05/30/23 06:57	57-74-9	
4,4'-DDD	<b>0.0025 U</b>	ug/L	0.0094	0.0025	1	05/22/23 11:07	05/30/23 06:57	72-54-8	
4,4'-DDE	<b>0.0047 U</b>	ug/L	0.0094	0.0047	1	05/22/23 11:07	05/30/23 06:57	72-55-9	J(M1)
4,4'-DDT	<b>0.0048 U</b>	ug/L	0.0094	0.0048	1	05/22/23 11:07	05/30/23 06:57	50-29-3	J(M1)
Dieldrin	<b>0.0019 U</b>	ug/L	0.0094	0.0019	1	05/22/23 11:07	05/30/23 06:57	60-57-1	
Endosulfan I	<b>0.0048 U</b>	ug/L	0.0094	0.0048	1	05/22/23 11:07	05/30/23 06:57	959-98-8	
Endosulfan II	<b>0.0038 U</b>	ug/L	0.0094	0.0038	1	05/22/23 11:07	05/30/23 06:57	33213-65-9	
Endosulfan sulfate	<b>0.0025 U</b>	ug/L	0.094	0.0025	1	05/22/23 11:07	05/30/23 06:57	1031-07-8	
Endrin	<b>0.0041 U</b>	ug/L	0.0094	0.0041	1	05/22/23 11:07	05/30/23 06:57	72-20-8	
Endrin aldehyde	<b>0.0034 U</b>	ug/L	0.094	0.0034	1	05/22/23 11:07	05/30/23 06:57	7421-93-4	
Endrin ketone	<b>0.0047 U</b>	ug/L	0.0094	0.0047	1	05/22/23 11:07	05/30/23 06:57	53494-70-5	
Heptachlor	<b>0.0058 U</b>	ug/L	0.0094	0.0058	1	05/22/23 11:07	05/30/23 06:57	76-44-8	
Heptachlor epoxide	<b>0.0027 U</b>	ug/L	0.019	0.0027	1	05/22/23 11:07	05/30/23 06:57	1024-57-3	
Methoxychlor	<b>0.0040 U</b>	ug/L	0.0094	0.0040	1	05/22/23 11:07	05/30/23 06:57	72-43-5	
Toxaphene	<b>0.24 U</b>	ug/L	0.47	0.24	1	05/22/23 11:07	05/30/23 06:57	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	64	%	27-124		1	05/22/23 11:07	05/30/23 06:57	877-09-8	
Decachlorobiphenyl (S)	31	%	10-132		1	05/22/23 11:07	05/30/23 06:57	2051-24-3	
<b>FL-PRO Water, Low Volume</b>	Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>0.74 U</b>	mg/L	0.92	0.74	1	05/21/23 16:15	05/22/23 20:37		
<b>Surrogates</b>									
o-Terphenyl (S)	78	%	66-139		1	05/21/23 16:15	05/22/23 20:37	84-15-1	
N-Pentatriacontane (S)	83	%	42-159		1	05/21/23 16:15	05/22/23 20:37	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach								
Antimony	<b>5.5 U</b>	ug/L	15.0	5.5	1	05/20/23 06:42	05/23/23 01:42	7440-36-0	
Arsenic	<b>3.4 U</b>	ug/L	10.0	3.4	1	05/20/23 06:42	05/23/23 01:42	7440-38-2	
Beryllium	<b>0.21 I</b>	ug/L	4.0	0.17	1	05/20/23 06:42	05/23/23 01:42	7440-41-7	
Cadmium	<b>0.33 U</b>	ug/L	1.0	0.33	1	05/20/23 06:42	05/23/23 01:42	7440-43-9	
Chromium	<b>1.7 U</b>	ug/L	5.0	1.7	1	05/20/23 06:42	05/23/23 01:42	7440-47-3	
Copper	<b>2.6 U</b>	ug/L	5.0	2.6	1	05/20/23 06:42	05/23/23 01:42	7440-50-8	
Lead	<b>3.1 I</b>	ug/L	10.0	2.1	1	05/20/23 06:42	05/23/23 01:42	7439-92-1	
Nickel	<b>4.3 I</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/23/23 01:42	7440-02-0	
Selenium	<b>3.9 U</b>	ug/L	15.0	3.9	1	05/20/23 06:42	05/23/23 01:42	7782-49-2	
Silver	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/23/23 01:42	7440-22-4	
Zinc	<b>11.0 U</b>	ug/L	20.0	11.0	1	05/20/23 06:42	05/23/23 01:42	7440-66-6	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-3	Lab ID: 35800855002	Collected: 05/18/23 09:32	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>	Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach								
Thallium	<b>0.11</b> U	ug/L	1.0	0.11	1	05/20/23 06:42	05/21/23 21:09	7440-28-0	
<b>7470 Mercury</b>	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.090</b> U	ug/L	0.20	0.090	1	05/23/23 06:06	05/25/23 13:30	7439-97-6	
<b>8270 MSSV PAHLV by SIM</b>	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.060</b> I	ug/L	0.46	0.018	1	05/22/23 12:43	05/23/23 17:37	83-32-9	
Acenaphthylene	<b>0.029</b> U	ug/L	0.46	0.029	1	05/22/23 12:43	05/23/23 17:37	208-96-8	
Anthracene	<b>0.025</b> I	ug/L	0.46	0.019	1	05/22/23 12:43	05/23/23 17:37	120-12-7	
Benzo(a)anthracene	<b>0.019</b> U	ug/L	0.093	0.019	1	05/22/23 12:43	05/23/23 17:37	56-55-3	
Benzo(a)pyrene	<b>0.019</b> U	ug/L	0.19	0.019	1	05/22/23 12:43	05/23/23 17:37	50-32-8	
Benzo(b)fluoranthene	<b>0.025</b> U	ug/L	0.093	0.025	1	05/22/23 12:43	05/23/23 17:37	205-99-2	
Benzo(g,h,i)perylene	<b>0.021</b> U	ug/L	0.46	0.021	1	05/22/23 12:43	05/23/23 17:37	191-24-2	
Benzo(k)fluoranthene	<b>0.022</b> U	ug/L	0.46	0.022	1	05/22/23 12:43	05/23/23 17:37	207-08-9	
Chrysene	<b>0.024</b> U	ug/L	0.46	0.024	1	05/22/23 12:43	05/23/23 17:37	218-01-9	
Dibenz(a,h)anthracene	<b>0.023</b> U	ug/L	0.14	0.023	1	05/22/23 12:43	05/23/23 17:37	53-70-3	
Fluoranthene	<b>0.039</b> I	ug/L	0.46	0.017	1	05/22/23 12:43	05/23/23 17:37	206-44-0	
Fluorene	<b>0.082</b> I	ug/L	0.46	0.016	1	05/22/23 12:43	05/23/23 17:37	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.022</b> U	ug/L	0.14	0.022	1	05/22/23 12:43	05/23/23 17:37	193-39-5	
1-Methylnaphthalene	<b>0.17</b> I	ug/L	1.9	0.036	1	05/22/23 12:43	05/23/23 17:37	90-12-0	
2-Methylnaphthalene	<b>0.24</b> I	ug/L	1.9	0.063	1	05/22/23 12:43	05/23/23 17:37	91-57-6	
Naphthalene	<b>0.27</b> U	ug/L	1.9	0.27	1	05/22/23 12:43	05/23/23 17:37	91-20-3	
Phenanthrene	<b>0.085</b> I	ug/L	0.46	0.018	1	05/22/23 12:43	05/23/23 17:37	85-01-8	
Pyrene	<b>0.038</b> I	ug/L	0.46	0.030	1	05/22/23 12:43	05/23/23 17:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	32-100		1	05/22/23 12:43	05/23/23 17:37	321-60-8	
p-Terphenyl-d14 (S)	77	%	48-112		1	05/22/23 12:43	05/23/23 17:37	1718-51-0	
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Acetone	<b>8.7</b> U	ug/L	25.0	8.7	1		05/21/23 23:27	67-64-1	
Benzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:27	71-43-2	
Bromochloromethane	<b>0.37</b> U	ug/L	1.0	0.37	1		05/21/23 23:27	74-97-5	
Bromodichloromethane	<b>0.19</b> U	ug/L	1.0	0.19	1		05/21/23 23:27	75-27-4	
Bromoform	<b>0.48</b> U	ug/L	3.0	0.48	1		05/21/23 23:27	75-25-2	
Bromomethane	<b>3.9</b> U	ug/L	10.0	3.9	1		05/21/23 23:27	74-83-9	J(v2)
2-Butanone (MEK)	<b>6.7</b> U	ug/L	50.0	6.7	1		05/21/23 23:27	78-93-3	
Carbon disulfide	<b>1.8</b> U	ug/L	10.0	1.8	1		05/21/23 23:27	75-15-0	
Carbon tetrachloride	<b>0.44</b> U	ug/L	3.0	0.44	1		05/21/23 23:27	56-23-5	
Chlorobenzene	<b>6.9</b> ug/L		1.0	0.35	1		05/21/23 23:27	108-90-7	
Chloroethane	<b>3.7</b> U	ug/L	10.0	3.7	1		05/21/23 23:27	75-00-3	
Chloroform	<b>0.56</b> U	ug/L	1.0	0.56	1		05/21/23 23:27	67-66-3	
Chloromethane	<b>0.43</b> U	ug/L	1.0	0.43	1		05/21/23 23:27	74-87-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-3	Lab ID: 35800855002	Collected: 05/18/23 09:32	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Dibromochloromethane	<b>0.45</b> U	ug/L	2.0	0.45	1		05/21/23 23:27	124-48-1	
Dibromomethane	<b>0.68</b> U	ug/L	2.0	0.68	1		05/21/23 23:27	74-95-3	
1,2-Dichlorobenzene	<b>0.60</b> U	ug/L	1.0	0.60	1		05/21/23 23:27	95-50-1	
1,3-Dichlorobenzene	<b>0.33</b> U	ug/L	1.0	0.33	1		05/21/23 23:27	541-73-1	
1,4-Dichlorobenzene	<b>5.0</b> U	ug/L	1.0	0.28	1		05/21/23 23:27	106-46-7	
1,1-Dichloroethane	<b>0.34</b> U	ug/L	1.0	0.34	1		05/21/23 23:27	75-34-3	
1,2-Dichloroethane	<b>0.27</b> U	ug/L	1.0	0.27	1		05/21/23 23:27	107-06-2	
1,1-Dichloroethene	<b>0.59</b> U	ug/L	1.0	0.59	1		05/21/23 23:27	75-35-4	
cis-1,2-Dichloroethene	<b>0.27</b> U	ug/L	1.0	0.27	1		05/21/23 23:27	156-59-2	
trans-1,2-Dichloroethene	<b>0.23</b> U	ug/L	1.0	0.23	1		05/21/23 23:27	156-60-5	
1,2-Dichloropropane	<b>0.23</b> U	ug/L	1.0	0.23	1		05/21/23 23:27	78-87-5	
Ethylbenzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:27	100-41-4	
2-Hexanone	<b>3.2</b> U	ug/L	25.0	3.2	1		05/21/23 23:27	591-78-6	
Isopropylbenzene (Cumene)	<b>1.7</b> U	ug/L	1.0	0.30	1		05/21/23 23:27	98-82-8	
Methylene Chloride	<b>1.7</b> U	ug/L	5.0	1.7	1		05/21/23 23:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>7.5</b> U	ug/L	25.0	7.5	1		05/21/23 23:27	108-10-1	
Methyl-tert-butyl ether	<b>1.2</b> U	ug/L	5.0	1.2	1		05/21/23 23:27	1634-04-4	
Styrene	<b>0.26</b> U	ug/L	1.0	0.26	1		05/21/23 23:27	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.59</b> U	ug/L	1.0	0.59	1		05/21/23 23:27	79-34-5	
Tetrachloroethene	<b>0.38</b> U	ug/L	1.0	0.38	1		05/21/23 23:27	127-18-4	
Toluene	<b>0.33</b> U	ug/L	1.0	0.33	1		05/21/23 23:27	108-88-3	
1,1,1-Trichloroethane	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:27	71-55-6	
1,1,2-Trichloroethane	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:27	79-00-5	
Trichloroethene	<b>0.36</b> U	ug/L	1.0	0.36	1		05/21/23 23:27	79-01-6	
Trichlorofluoromethane	<b>0.72</b> U	ug/L	1.0	0.72	1		05/21/23 23:27	75-69-4	
1,2,4-Trimethylbenzene	<b>0.24</b> U	ug/L	1.0	0.24	1		05/21/23 23:27	95-63-6	
1,3,5-Trimethylbenzene	<b>0.24</b> U	ug/L	1.0	0.24	1		05/21/23 23:27	108-67-8	
Vinyl chloride	<b>0.39</b> U	ug/L	1.0	0.39	1		05/21/23 23:27	75-01-4	
Xylene (Total)	<b>2.1</b> U	ug/L	5.0	2.1	1		05/21/23 23:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		05/21/23 23:27	460-00-4	J(HS)
Toluene-d8 (S)	96	%	70-130		1		05/21/23 23:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		05/21/23 23:27	2199-69-1	
<b>2540C Total Dissolved Solids</b>	Analytical Method: SM 2540C Pace Analytical Services - Ormond Beach								
Total Dissolved Solids	<b>914</b>	mg/L	10.0	10.0	1		05/23/23 20:04		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-4	Lab ID: 35800855003	Collected: 05/18/23 12:49	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.0087 U</b>	ug/L	0.0094	0.0087	1	05/22/23 11:07	05/30/23 07:37	309-00-2	
alpha-BHC	<b>0.0020 U</b>	ug/L	0.0094	0.0020	1	05/22/23 11:07	05/30/23 07:37	319-84-6	
beta-BHC	<b>0.019 U</b>	ug/L	0.028	0.019	1	05/22/23 11:07	05/30/23 07:37	319-85-7	C2
delta-BHC	<b>0.0093 U</b>	ug/L	0.0094	0.0093	1	05/22/23 11:07	05/30/23 07:37	319-86-8	
gamma-BHC (Lindane)	<b>0.0069 I</b>	ug/L	0.0094	0.0021	1	05/22/23 11:07	05/30/23 07:37	58-89-9	C2
Chlordane (Technical)	<b>0.23 U</b>	ug/L	0.47	0.23	1	05/22/23 11:07	05/30/23 07:37	57-74-9	
4,4'-DDD	<b>0.0025 U</b>	ug/L	0.0094	0.0025	1	05/22/23 11:07	05/30/23 07:37	72-54-8	
4,4'-DDE	<b>0.0047 U</b>	ug/L	0.0094	0.0047	1	05/22/23 11:07	05/30/23 07:37	72-55-9	
4,4'-DDT	<b>0.0048 U</b>	ug/L	0.0094	0.0048	1	05/22/23 11:07	05/30/23 07:37	50-29-3	
Dieldrin	<b>0.0019 U</b>	ug/L	0.0094	0.0019	1	05/22/23 11:07	05/30/23 07:37	60-57-1	
Endosulfan I	<b>0.0048 U</b>	ug/L	0.0094	0.0048	1	05/22/23 11:07	05/30/23 07:37	959-98-8	
Endosulfan II	<b>0.0038 U</b>	ug/L	0.0094	0.0038	1	05/22/23 11:07	05/30/23 07:37	33213-65-9	
Endosulfan sulfate	<b>0.0025 U</b>	ug/L	0.094	0.0025	1	05/22/23 11:07	05/30/23 07:37	1031-07-8	
Endrin	<b>0.0040 U</b>	ug/L	0.0094	0.0040	1	05/22/23 11:07	05/30/23 07:37	72-20-8	
Endrin aldehyde	<b>0.0034 U</b>	ug/L	0.094	0.0034	1	05/22/23 11:07	05/30/23 07:37	7421-93-4	
Endrin ketone	<b>0.0047 U</b>	ug/L	0.0094	0.0047	1	05/22/23 11:07	05/30/23 07:37	53494-70-5	
Heptachlor	<b>0.0058 U</b>	ug/L	0.0094	0.0058	1	05/22/23 11:07	05/30/23 07:37	76-44-8	
Heptachlor epoxide	<b>0.0027 U</b>	ug/L	0.019	0.0027	1	05/22/23 11:07	05/30/23 07:37	1024-57-3	
Methoxychlor	<b>0.0040 U</b>	ug/L	0.0094	0.0040	1	05/22/23 11:07	05/30/23 07:37	72-43-5	
Toxaphene	<b>0.24 U</b>	ug/L	0.47	0.24	1	05/22/23 11:07	05/30/23 07:37	8001-35-2	
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	58	%	27-124		1	05/22/23 11:07	05/30/23 07:37	877-09-8	
Decachlorobiphenyl (S)	35	%	10-132		1	05/22/23 11:07	05/30/23 07:37	2051-24-3	
<b>FL-PRO Water, Low Volume</b>	Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>0.87 I</b>	mg/L	0.98	0.78	1	05/21/23 16:15	05/22/23 21:23		
<b>Surrogates</b>									
o-Terphenyl (S)	80	%	66-139		1	05/21/23 16:15	05/22/23 21:23	84-15-1	
N-Pentatriacontane (S)	86	%	42-159		1	05/21/23 16:15	05/22/23 21:23	630-07-09	
<b>6010 MET ICP</b>	Analytical Method: EPA 6010 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach								
Antimony	<b>5.5 U</b>	ug/L	15.0	5.5	1	05/20/23 06:42	05/23/23 01:57	7440-36-0	
Arsenic	<b>7.0 I</b>	ug/L	10.0	3.4	1	05/20/23 06:42	05/23/23 01:57	7440-38-2	
Beryllium	<b>0.29 I</b>	ug/L	4.0	0.17	1	05/20/23 06:42	05/23/23 01:57	7440-41-7	
Cadmium	<b>0.33 U</b>	ug/L	1.0	0.33	1	05/20/23 06:42	05/23/23 01:57	7440-43-9	
Chromium	<b>3.2 I</b>	ug/L	5.0	1.7	1	05/20/23 06:42	05/23/23 01:57	7440-47-3	
Copper	<b>2.6 U</b>	ug/L	5.0	2.6	1	05/20/23 06:42	05/23/23 01:57	7440-50-8	
Lead	<b>2.1 U</b>	ug/L	10.0	2.1	1	05/20/23 06:42	05/23/23 01:57	7439-92-1	
Nickel	<b>4.8 I</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/23/23 01:57	7440-02-0	
Selenium	<b>3.9 U</b>	ug/L	15.0	3.9	1	05/20/23 06:42	05/23/23 01:57	7782-49-2	
Silver	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/23/23 01:57	7440-22-4	
Zinc	<b>11.0 U</b>	ug/L	20.0	11.0	1	05/20/23 06:42	05/23/23 01:57	7440-66-6	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-4	Lab ID: 35800855003	Collected: 05/18/23 12:49	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020 MET ICPMS</b>	Analytical Method: EPA 6020 Preparation Method: EPA 3010 Pace Analytical Services - Ormond Beach								
Thallium	<b>0.21</b> U	ug/L	2.0	0.21	2	05/20/23 06:42	05/22/23 11:58	7440-28-0	D3
<b>7470 Mercury</b>	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.090</b> U	ug/L	0.20	0.090	1	05/23/23 06:06	05/25/23 13:32	7439-97-6	
<b>8270 MSSV PAHLV by SIM</b>	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.022</b> I	ug/L	0.46	0.017	1	05/22/23 12:43	05/23/23 17:57	83-32-9	
Acenaphthylene	<b>0.028</b> U	ug/L	0.46	0.028	1	05/22/23 12:43	05/23/23 17:57	208-96-8	
Anthracene	<b>0.018</b> U	ug/L	0.46	0.018	1	05/22/23 12:43	05/23/23 17:57	120-12-7	
Benzo(a)anthracene	<b>0.018</b> U	ug/L	0.091	0.018	1	05/22/23 12:43	05/23/23 17:57	56-55-3	
Benzo(a)pyrene	<b>0.019</b> U	ug/L	0.18	0.019	1	05/22/23 12:43	05/23/23 17:57	50-32-8	
Benzo(b)fluoranthene	<b>0.025</b> U	ug/L	0.091	0.025	1	05/22/23 12:43	05/23/23 17:57	205-99-2	
Benzo(g,h,i)perylene	<b>0.021</b> U	ug/L	0.46	0.021	1	05/22/23 12:43	05/23/23 17:57	191-24-2	
Benzo(k)fluoranthene	<b>0.022</b> U	ug/L	0.46	0.022	1	05/22/23 12:43	05/23/23 17:57	207-08-9	
Chrysene	<b>0.024</b> U	ug/L	0.46	0.024	1	05/22/23 12:43	05/23/23 17:57	218-01-9	
Dibenz(a,h)anthracene	<b>0.023</b> U	ug/L	0.14	0.023	1	05/22/23 12:43	05/23/23 17:57	53-70-3	
Fluoranthene	<b>0.016</b> U	ug/L	0.46	0.016	1	05/22/23 12:43	05/23/23 17:57	206-44-0	
Fluorene	<b>0.025</b> I	ug/L	0.46	0.016	1	05/22/23 12:43	05/23/23 17:57	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.022</b> U	ug/L	0.14	0.022	1	05/22/23 12:43	05/23/23 17:57	193-39-5	
1-Methylnaphthalene	<b>0.035</b> U	ug/L	1.8	0.035	1	05/22/23 12:43	05/23/23 17:57	90-12-0	
2-Methylnaphthalene	<b>0.062</b> U	ug/L	1.8	0.062	1	05/22/23 12:43	05/23/23 17:57	91-57-6	
Naphthalene	<b>0.26</b> U	ug/L	1.8	0.26	1	05/22/23 12:43	05/23/23 17:57	91-20-3	
Phenanthrene	<b>0.023</b> I	ug/L	0.46	0.017	1	05/22/23 12:43	05/23/23 17:57	85-01-8	
Pyrene	<b>0.029</b> U	ug/L	0.46	0.029	1	05/22/23 12:43	05/23/23 17:57	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	68	%	32-100		1	05/22/23 12:43	05/23/23 17:57	321-60-8	
p-Terphenyl-d14 (S)	84	%	48-112		1	05/22/23 12:43	05/23/23 17:57	1718-51-0	
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Acetone	<b>8.7</b> U	ug/L	25.0	8.7	1		05/21/23 23:49	67-64-1	
Benzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:49	71-43-2	
Bromochloromethane	<b>0.37</b> U	ug/L	1.0	0.37	1		05/21/23 23:49	74-97-5	
Bromodichloromethane	<b>0.19</b> U	ug/L	1.0	0.19	1		05/21/23 23:49	75-27-4	
Bromoform	<b>0.48</b> U	ug/L	3.0	0.48	1		05/21/23 23:49	75-25-2	
Bromomethane	<b>3.9</b> U	ug/L	10.0	3.9	1		05/21/23 23:49	74-83-9	J(v2)
2-Butanone (MEK)	<b>6.7</b> U	ug/L	50.0	6.7	1		05/21/23 23:49	78-93-3	
Carbon disulfide	<b>1.8</b> U	ug/L	10.0	1.8	1		05/21/23 23:49	75-15-0	
Carbon tetrachloride	<b>0.44</b> U	ug/L	3.0	0.44	1		05/21/23 23:49	56-23-5	
Chlorobenzene	<b>6.4</b>	ug/L	1.0	0.35	1		05/21/23 23:49	108-90-7	
Chloroethane	<b>3.7</b> U	ug/L	10.0	3.7	1		05/21/23 23:49	75-00-3	
Chloroform	<b>0.56</b> U	ug/L	1.0	0.56	1		05/21/23 23:49	67-66-3	
Chloromethane	<b>0.43</b> U	ug/L	1.0	0.43	1		05/21/23 23:49	74-87-3	

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: TMW-4	Lab ID: 35800855003	Collected: 05/18/23 12:49	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Dibromochloromethane	<b>0.45</b> U	ug/L	2.0	0.45	1		05/21/23 23:49	124-48-1	
Dibromomethane	<b>0.68</b> U	ug/L	2.0	0.68	1		05/21/23 23:49	74-95-3	
1,2-Dichlorobenzene	<b>0.60</b> U	ug/L	1.0	0.60	1		05/21/23 23:49	95-50-1	
1,3-Dichlorobenzene	<b>0.33</b> U	ug/L	1.0	0.33	1		05/21/23 23:49	541-73-1	
1,4-Dichlorobenzene	<b>4.3</b> U	ug/L	1.0	0.28	1		05/21/23 23:49	106-46-7	
1,1-Dichloroethane	<b>0.34</b> U	ug/L	1.0	0.34	1		05/21/23 23:49	75-34-3	
1,2-Dichloroethane	<b>0.27</b> U	ug/L	1.0	0.27	1		05/21/23 23:49	107-06-2	
1,1-Dichloroethene	<b>0.59</b> U	ug/L	1.0	0.59	1		05/21/23 23:49	75-35-4	
cis-1,2-Dichloroethene	<b>0.27</b> U	ug/L	1.0	0.27	1		05/21/23 23:49	156-59-2	
trans-1,2-Dichloroethene	<b>0.23</b> U	ug/L	1.0	0.23	1		05/21/23 23:49	156-60-5	
1,2-Dichloropropane	<b>0.23</b> U	ug/L	1.0	0.23	1		05/21/23 23:49	78-87-5	
Ethylbenzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:49	100-41-4	
2-Hexanone	<b>3.2</b> U	ug/L	25.0	3.2	1		05/21/23 23:49	591-78-6	
Isopropylbenzene (Cumene)	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:49	98-82-8	
Methylene Chloride	<b>1.7</b> U	ug/L	5.0	1.7	1		05/21/23 23:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>7.5</b> U	ug/L	25.0	7.5	1		05/21/23 23:49	108-10-1	
Methyl-tert-butyl ether	<b>1.2</b> U	ug/L	5.0	1.2	1		05/21/23 23:49	1634-04-4	
Styrene	<b>0.26</b> U	ug/L	1.0	0.26	1		05/21/23 23:49	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.59</b> U	ug/L	1.0	0.59	1		05/21/23 23:49	79-34-5	
Tetrachloroethene	<b>0.38</b> U	ug/L	1.0	0.38	1		05/21/23 23:49	127-18-4	
Toluene	<b>0.33</b> U	ug/L	1.0	0.33	1		05/21/23 23:49	108-88-3	
1,1,1-Trichloroethane	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:49	71-55-6	
1,1,2-Trichloroethane	<b>0.30</b> U	ug/L	1.0	0.30	1		05/21/23 23:49	79-00-5	
Trichloroethene	<b>0.36</b> U	ug/L	1.0	0.36	1		05/21/23 23:49	79-01-6	
Trichlorofluoromethane	<b>0.72</b> U	ug/L	1.0	0.72	1		05/21/23 23:49	75-69-4	
1,2,4-Trimethylbenzene	<b>0.24</b> U	ug/L	1.0	0.24	1		05/21/23 23:49	95-63-6	
1,3,5-Trimethylbenzene	<b>0.24</b> U	ug/L	1.0	0.24	1		05/21/23 23:49	108-67-8	
Vinyl chloride	<b>0.39</b> U	ug/L	1.0	0.39	1		05/21/23 23:49	75-01-4	
Xylene (Total)	<b>2.1</b> U	ug/L	5.0	2.1	1		05/21/23 23:49	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		05/21/23 23:49	460-00-4	J(HS)
Toluene-d8 (S)	97	%	70-130		1		05/21/23 23:49	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		05/21/23 23:49	2199-69-1	
<b>2540C Total Dissolved Solids</b>	Analytical Method: SM 2540C Pace Analytical Services - Ormond Beach								
Total Dissolved Solids	<b>3560</b>	mg/L	50.0	50.0	1		05/24/23 12:52		

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: SW-1	Lab ID: 35800855004	Collected: 05/18/23 11:50	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.018 U</b>	ug/L	0.019	0.018	2	05/22/23 11:07	05/30/23 07:50	309-00-2	ED
alpha-BHC	<b>0.0041 U</b>	ug/L	0.019	0.0041	2	05/22/23 11:07	05/30/23 07:50	319-84-6	ED
beta-BHC	<b>0.039 U</b>	ug/L	0.058	0.039	2	05/22/23 11:07	05/30/23 07:50	319-85-7	ED
delta-BHC	<b>0.019 U</b>	ug/L	0.019	0.019	2	05/22/23 11:07	05/30/23 07:50	319-86-8	ED
gamma-BHC (Lindane)	<b>0.0043 U</b>	ug/L	0.019	0.0043	2	05/22/23 11:07	05/30/23 07:50	58-89-9	ED
Chlordane (Technical)	<b>0.48 U</b>	ug/L	0.97	0.48	2	05/22/23 11:07	05/30/23 07:50	57-74-9	ED
4,4'-DDD	<b>0.0052 U</b>	ug/L	0.019	0.0052	2	05/22/23 11:07	05/30/23 07:50	72-54-8	ED
4,4'-DDE	<b>0.0097 U</b>	ug/L	0.019	0.0097	2	05/22/23 11:07	05/30/23 07:50	72-55-9	ED
4,4'-DDT	<b>0.0099 U</b>	ug/L	0.019	0.0099	2	05/22/23 11:07	05/30/23 07:50	50-29-3	ED
Dieldrin	<b>0.0039 U</b>	ug/L	0.019	0.0039	2	05/22/23 11:07	05/30/23 07:50	60-57-1	ED
Endosulfan I	<b>0.0099 U</b>	ug/L	0.019	0.0099	2	05/22/23 11:07	05/30/23 07:50	959-98-8	ED
Endosulfan II	<b>0.0078 U</b>	ug/L	0.019	0.0078	2	05/22/23 11:07	05/30/23 07:50	33213-65-9	ED
Endosulfan sulfate	<b>0.0052 U</b>	ug/L	0.19	0.0052	2	05/22/23 11:07	05/30/23 07:50	1031-07-8	ED
Endrin	<b>0.0083 U</b>	ug/L	0.019	0.0083	2	05/22/23 11:07	05/30/23 07:50	72-20-8	ED
Endrin aldehyde	<b>0.0070 U</b>	ug/L	0.19	0.0070	2	05/22/23 11:07	05/30/23 07:50	7421-93-4	ED
Endrin ketone	<b>0.0097 U</b>	ug/L	0.019	0.0097	2	05/22/23 11:07	05/30/23 07:50	53494-70-5	ED
Heptachlor	<b>0.012 U</b>	ug/L	0.019	0.012	2	05/22/23 11:07	05/30/23 07:50	76-44-8	ED
Heptachlor epoxide	<b>0.0056 U</b>	ug/L	0.039	0.0056	2	05/22/23 11:07	05/30/23 07:50	1024-57-3	ED
Methoxychlor	<b>0.0081 U</b>	ug/L	0.019	0.0081	2	05/22/23 11:07	05/30/23 07:50	72-43-5	ED
Toxaphene	<b>0.48 U</b>	ug/L	0.97	0.48	2	05/22/23 11:07	05/30/23 07:50	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	53	%	27-124		2	05/22/23 11:07	05/30/23 07:50	877-09-8	
Decachlorobiphenyl (S)	47	%	10-132		2	05/22/23 11:07	05/30/23 07:50	2051-24-3	
<b>FL-PRO Water, Low Volume</b>	Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>0.72 U</b>	mg/L	0.91	0.72	1	05/21/23 16:15	05/22/23 21:39		
<b>Surrogates</b>									
o-Terphenyl (S)	68	%	66-139		1	05/21/23 16:15	05/22/23 21:39	84-15-1	
N-Pentatriacontane (S)	68	%	42-159		1	05/21/23 16:15	05/22/23 21:39	630-07-09	
<b>200.7 MET ICP</b>	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach								
Antimony	<b>5.5 U</b>	ug/L	15.0	5.5	1	05/20/23 06:42	05/22/23 20:37	7440-36-0	
Arsenic	<b>3.4 U</b>	ug/L	10.0	3.4	1	05/20/23 06:42	05/22/23 20:37	7440-38-2	
Beryllium	<b>0.17 U</b>	ug/L	4.0	0.17	1	05/20/23 06:42	05/22/23 20:37	7440-41-7	
Cadmium	<b>0.33 U</b>	ug/L	1.0	0.33	1	05/20/23 06:42	05/22/23 20:37	7440-43-9	
Chromium	<b>1.7 U</b>	ug/L	5.0	1.7	1	05/20/23 06:42	05/22/23 20:37	7440-47-3	
Copper	<b>2.6 U</b>	ug/L	5.0	2.6	1	05/20/23 06:42	05/22/23 20:37	7440-50-8	
Lead	<b>2.1 U</b>	ug/L	10.0	2.1	1	05/20/23 06:42	05/22/23 20:37	7439-92-1	
Nickel	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/22/23 20:37	7440-02-0	
Selenium	<b>3.9 U</b>	ug/L	15.0	3.9	1	05/20/23 06:42	05/22/23 20:37	7782-49-2	
Silver	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/22/23 20:37	7440-22-4	
Zinc	<b>11.0 U</b>	ug/L	20.0	11.0	1	05/20/23 06:42	05/22/23 20:37	7440-66-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: SW-1	Lab ID: 35800855004	Collected: 05/18/23 11:50	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS</b>	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Thallium	<b>0.11</b> U	ug/L	1.0	0.11	1	05/20/23 06:42	05/22/23 12:00	7440-28-0	
<b>245.1 Mercury</b>	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.090</b> U	ug/L	0.20	0.090	1	05/25/23 06:29	05/25/23 11:51	7439-97-6	
<b>8270 MSSV PAHLV by SIM</b>	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.018</b> U	ug/L	0.46	0.018	1	05/22/23 12:43	05/23/23 18:17	83-32-9	
Acenaphthylene	<b>0.029</b> U	ug/L	0.46	0.029	1	05/22/23 12:43	05/23/23 18:17	208-96-8	
Anthracene	<b>0.018</b> U	ug/L	0.46	0.018	1	05/22/23 12:43	05/23/23 18:17	120-12-7	
Benzo(a)anthracene	<b>0.018</b> U	ug/L	0.092	0.018	1	05/22/23 12:43	05/23/23 18:17	56-55-3	
Benzo(a)pyrene	<b>0.019</b> U	ug/L	0.18	0.019	1	05/22/23 12:43	05/23/23 18:17	50-32-8	
Benzo(b)fluoranthene	<b>0.025</b> U	ug/L	0.092	0.025	1	05/22/23 12:43	05/23/23 18:17	205-99-2	
Benzo(g,h,i)perylene	<b>0.021</b> U	ug/L	0.46	0.021	1	05/22/23 12:43	05/23/23 18:17	191-24-2	
Benzo(k)fluoranthene	<b>0.022</b> U	ug/L	0.46	0.022	1	05/22/23 12:43	05/23/23 18:17	207-08-9	
Chrysene	<b>0.024</b> U	ug/L	0.46	0.024	1	05/22/23 12:43	05/23/23 18:17	218-01-9	
Dibenz(a,h)anthracene	<b>0.023</b> U	ug/L	0.14	0.023	1	05/22/23 12:43	05/23/23 18:17	53-70-3	
Fluoranthene	<b>0.017</b> U	ug/L	0.46	0.017	1	05/22/23 12:43	05/23/23 18:17	206-44-0	
Fluorene	<b>0.016</b> U	ug/L	0.46	0.016	1	05/22/23 12:43	05/23/23 18:17	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.022</b> U	ug/L	0.14	0.022	1	05/22/23 12:43	05/23/23 18:17	193-39-5	
1-Methylnaphthalene	<b>0.036</b> U	ug/L	1.8	0.036	1	05/22/23 12:43	05/23/23 18:17	90-12-0	
2-Methylnaphthalene	<b>0.063</b> U	ug/L	1.8	0.063	1	05/22/23 12:43	05/23/23 18:17	91-57-6	
Naphthalene	<b>0.27</b> U	ug/L	1.8	0.27	1	05/22/23 12:43	05/23/23 18:17	91-20-3	
Phenanthrene	<b>0.018</b> U	ug/L	0.46	0.018	1	05/22/23 12:43	05/23/23 18:17	85-01-8	
Pyrene	<b>0.030</b> U	ug/L	0.46	0.030	1	05/22/23 12:43	05/23/23 18:17	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	61	%	32-100		1	05/22/23 12:43	05/23/23 18:17	321-60-8	
p-Terphenyl-d14 (S)	70	%	48-112		1	05/22/23 12:43	05/23/23 18:17	1718-51-0	
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Acetone	<b>8.7</b> U	ug/L	25.0	8.7	1		05/22/23 00:12	67-64-1	
Benzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/22/23 00:12	71-43-2	
Bromochloromethane	<b>0.37</b> U	ug/L	1.0	0.37	1		05/22/23 00:12	74-97-5	
Bromodichloromethane	<b>0.19</b> U	ug/L	1.0	0.19	1		05/22/23 00:12	75-27-4	
Bromoform	<b>0.48</b> U	ug/L	3.0	0.48	1		05/22/23 00:12	75-25-2	
Bromomethane	<b>3.9</b> U	ug/L	10.0	3.9	1		05/22/23 00:12	74-83-9	J(v2)
2-Butanone (MEK)	<b>6.7</b> U	ug/L	50.0	6.7	1		05/22/23 00:12	78-93-3	
Carbon disulfide	<b>1.8</b> U	ug/L	10.0	1.8	1		05/22/23 00:12	75-15-0	
Carbon tetrachloride	<b>0.44</b> U	ug/L	3.0	0.44	1		05/22/23 00:12	56-23-5	
Chlorobenzene	<b>0.35</b> U	ug/L	1.0	0.35	1		05/22/23 00:12	108-90-7	
Chloroethane	<b>3.7</b> U	ug/L	10.0	3.7	1		05/22/23 00:12	75-00-3	
Chloroform	<b>0.56</b> U	ug/L	1.0	0.56	1		05/22/23 00:12	67-66-3	
Chloromethane	<b>0.43</b> U	ug/L	1.0	0.43	1		05/22/23 00:12	74-87-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103

Pace Project No.: 35800855

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**Sample: SW-1**      **Lab ID: 35800855004**      Collected: 05/18/23 11:50      Received: 05/19/23 09:45      Matrix: Water

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Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260								
	Pace Analytical Services - Ormond Beach								
Dibromochloromethane	0.45 U	ug/L	2.0	0.45	1		05/22/23 00:12	124-48-1	
Dibromomethane	0.68 U	ug/L	2.0	0.68	1		05/22/23 00:12	74-95-3	
1,2-Dichlorobenzene	0.60 U	ug/L	1.0	0.60	1		05/22/23 00:12	95-50-1	
1,3-Dichlorobenzene	0.33 U	ug/L	1.0	0.33	1		05/22/23 00:12	541-73-1	
1,4-Dichlorobenzene	0.28 U	ug/L	1.0	0.28	1		05/22/23 00:12	106-46-7	
1,1-Dichloroethane	0.34 U	ug/L	1.0	0.34	1		05/22/23 00:12	75-34-3	
1,2-Dichloroethane	0.27 U	ug/L	1.0	0.27	1		05/22/23 00:12	107-06-2	
1,1-Dichloroethene	0.59 U	ug/L	1.0	0.59	1		05/22/23 00:12	75-35-4	
cis-1,2-Dichloroethene	0.27 U	ug/L	1.0	0.27	1		05/22/23 00:12	156-59-2	
trans-1,2-Dichloroethene	0.23 U	ug/L	1.0	0.23	1		05/22/23 00:12	156-60-5	
1,2-Dichloropropane	0.23 U	ug/L	1.0	0.23	1		05/22/23 00:12	78-87-5	
Ethylbenzene	0.30 U	ug/L	1.0	0.30	1		05/22/23 00:12	100-41-4	
2-Hexanone	3.2 U	ug/L	25.0	3.2	1		05/22/23 00:12	591-78-6	
Isopropylbenzene (Cumene)	0.30 U	ug/L	1.0	0.30	1		05/22/23 00:12	98-82-8	
Methylene Chloride	1.7 U	ug/L	5.0	1.7	1		05/22/23 00:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	7.5 U	ug/L	25.0	7.5	1		05/22/23 00:12	108-10-1	
Methyl-tert-butyl ether	1.2 U	ug/L	5.0	1.2	1		05/22/23 00:12	1634-04-4	
Styrene	0.26 U	ug/L	1.0	0.26	1		05/22/23 00:12	100-42-5	
1,1,2,2-Tetrachloroethane	0.59 U	ug/L	1.0	0.59	1		05/22/23 00:12	79-34-5	
Tetrachloroethene	0.38 U	ug/L	1.0	0.38	1		05/22/23 00:12	127-18-4	
Toluene	0.33 U	ug/L	1.0	0.33	1		05/22/23 00:12	108-88-3	
1,1,1-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		05/22/23 00:12	71-55-6	
1,1,2-Trichloroethane	0.30 U	ug/L	1.0	0.30	1		05/22/23 00:12	79-00-5	
Trichloroethene	0.36 U	ug/L	1.0	0.36	1		05/22/23 00:12	79-01-6	
Trichlorofluoromethane	0.72 U	ug/L	1.0	0.72	1		05/22/23 00:12	75-69-4	
1,2,4-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		05/22/23 00:12	95-63-6	
1,3,5-Trimethylbenzene	0.24 U	ug/L	1.0	0.24	1		05/22/23 00:12	108-67-8	
Vinyl chloride	0.39 U	ug/L	1.0	0.39	1		05/22/23 00:12	75-01-4	
Xylene (Total)	2.1 U	ug/L	5.0	2.1	1		05/22/23 00:12	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		05/22/23 00:12	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		05/22/23 00:12	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/22/23 00:12	2199-69-1	
<b>2540C Total Dissolved Solids</b>	Analytical Method: SM 2540C								
	Pace Analytical Services - Ormond Beach								
Total Dissolved Solids	128	mg/L	5.0	5.0	1		05/24/23 12:52		

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: SW-2	Lab ID: 35800855005	Collected: 05/18/23 12:20	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8081 GCS Pesticides</b>	Analytical Method: EPA 8081 Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Aldrin	<b>0.017 U</b>	ug/L	0.019	0.017	2	05/22/23 11:07	05/30/23 08:03	309-00-2	ED
alpha-BHC	<b>0.0040 U</b>	ug/L	0.019	0.0040	2	05/22/23 11:07	05/30/23 08:03	319-84-6	ED
beta-BHC	<b>0.038 U</b>	ug/L	0.057	0.038	2	05/22/23 11:07	05/30/23 08:03	319-85-7	ED
delta-BHC	<b>0.019 U</b>	ug/L	0.019	0.019	2	05/22/23 11:07	05/30/23 08:03	319-86-8	ED
gamma-BHC (Lindane)	<b>0.0042 U</b>	ug/L	0.019	0.0042	2	05/22/23 11:07	05/30/23 08:03	58-89-9	ED
Chlordane (Technical)	<b>0.47 U</b>	ug/L	0.95	0.47	2	05/22/23 11:07	05/30/23 08:03	57-74-9	ED
4,4'-DDD	<b>0.0051 U</b>	ug/L	0.019	0.0051	2	05/22/23 11:07	05/30/23 08:03	72-54-8	ED
4,4'-DDE	<b>0.0095 U</b>	ug/L	0.019	0.0095	2	05/22/23 11:07	05/30/23 08:03	72-55-9	ED
4,4'-DDT	<b>0.0096 U</b>	ug/L	0.019	0.0096	2	05/22/23 11:07	05/30/23 08:03	50-29-3	ED
Dieldrin	<b>0.0038 U</b>	ug/L	0.019	0.0038	2	05/22/23 11:07	05/30/23 08:03	60-57-1	ED
Endosulfan I	<b>0.0096 U</b>	ug/L	0.019	0.0096	2	05/22/23 11:07	05/30/23 08:03	959-98-8	ED
Endosulfan II	<b>0.0076 U</b>	ug/L	0.019	0.0076	2	05/22/23 11:07	05/30/23 08:03	33213-65-9	ED
Endosulfan sulfate	<b>0.0051 U</b>	ug/L	0.19	0.0051	2	05/22/23 11:07	05/30/23 08:03	1031-07-8	ED
Endrin	<b>0.0081 U</b>	ug/L	0.019	0.0081	2	05/22/23 11:07	05/30/23 08:03	72-20-8	ED
Endrin aldehyde	<b>0.0068 U</b>	ug/L	0.19	0.0068	2	05/22/23 11:07	05/30/23 08:03	7421-93-4	ED
Endrin ketone	<b>0.0095 U</b>	ug/L	0.019	0.0095	2	05/22/23 11:07	05/30/23 08:03	53494-70-5	ED
Heptachlor	<b>0.012 U</b>	ug/L	0.019	0.012	2	05/22/23 11:07	05/30/23 08:03	76-44-8	ED
Heptachlor epoxide	<b>0.0055 U</b>	ug/L	0.038	0.0055	2	05/22/23 11:07	05/30/23 08:03	1024-57-3	ED
Methoxychlor	<b>0.0079 U</b>	ug/L	0.019	0.0079	2	05/22/23 11:07	05/30/23 08:03	72-43-5	ED
Toxaphene	<b>0.47 U</b>	ug/L	0.95	0.47	2	05/22/23 11:07	05/30/23 08:03	8001-35-2	ED
<b>Surrogates</b>									
Tetrachloro-m-xylene (S)	63	%	27-124		2	05/22/23 11:07	05/30/23 08:03	877-09-8	
Decachlorobiphenyl (S)	50	%	10-132		2	05/22/23 11:07	05/30/23 08:03	2051-24-3	
<b>FL-PRO Water, Low Volume</b>	Analytical Method: FL-PRO Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	<b>0.75 U</b>	mg/L	0.94	0.75	1	05/21/23 16:15	05/22/23 22:09		
<b>Surrogates</b>									
o-Terphenyl (S)	70	%	66-139		1	05/21/23 16:15	05/22/23 22:09	84-15-1	
N-Pentatriacontane (S)	73	%	42-159		1	05/21/23 16:15	05/22/23 22:09	630-07-09	
<b>200.7 MET ICP</b>	Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach								
Antimony	<b>5.5 U</b>	ug/L	15.0	5.5	1	05/20/23 06:42	05/22/23 20:40	7440-36-0	
Arsenic	<b>3.4 U</b>	ug/L	10.0	3.4	1	05/20/23 06:42	05/22/23 20:40	7440-38-2	
Beryllium	<b>0.17 U</b>	ug/L	4.0	0.17	1	05/20/23 06:42	05/22/23 20:40	7440-41-7	
Cadmium	<b>0.33 U</b>	ug/L	1.0	0.33	1	05/20/23 06:42	05/22/23 20:40	7440-43-9	
Chromium	<b>1.7 U</b>	ug/L	5.0	1.7	1	05/20/23 06:42	05/22/23 20:40	7440-47-3	
Copper	<b>2.6 U</b>	ug/L	5.0	2.6	1	05/20/23 06:42	05/22/23 20:40	7440-50-8	
Lead	<b>2.1 U</b>	ug/L	10.0	2.1	1	05/20/23 06:42	05/22/23 20:40	7439-92-1	
Nickel	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/22/23 20:40	7440-02-0	
Selenium	<b>3.9 U</b>	ug/L	15.0	3.9	1	05/20/23 06:42	05/22/23 20:40	7782-49-2	
Silver	<b>1.0 U</b>	ug/L	5.0	1.0	1	05/20/23 06:42	05/22/23 20:40	7440-22-4	
Zinc	<b>11.0 U</b>	ug/L	20.0	11.0	1	05/20/23 06:42	05/22/23 20:40	7440-66-6	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: SW-2	Lab ID: 35800855005	Collected: 05/18/23 12:20	Received: 05/19/23 09:45	Matrix: Water					
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS</b>	Analytical Method: EPA 200.8 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach								
Thallium	<b>0.11</b> U	ug/L	1.0	0.11	1	05/20/23 06:42	05/22/23 12:08	7440-28-0	
<b>245.1 Mercury</b>	Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 Pace Analytical Services - Ormond Beach								
Mercury	<b>0.090</b> U	ug/L	0.20	0.090	1	05/25/23 06:29	05/25/23 11:53	7439-97-6	
<b>8270 MSSV PAHLV by SIM</b>	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510 Pace Analytical Services - Ormond Beach								
Acenaphthene	<b>0.017</b> U	ug/L	0.45	0.017	1	05/22/23 12:43	05/23/23 18:37	83-32-9	
Acenaphthylene	<b>0.028</b> U	ug/L	0.45	0.028	1	05/22/23 12:43	05/23/23 18:37	208-96-8	
Anthracene	<b>0.018</b> U	ug/L	0.45	0.018	1	05/22/23 12:43	05/23/23 18:37	120-12-7	
Benzo(a)anthracene	<b>0.018</b> U	ug/L	0.091	0.018	1	05/22/23 12:43	05/23/23 18:37	56-55-3	
Benzo(a)pyrene	<b>0.019</b> U	ug/L	0.18	0.019	1	05/22/23 12:43	05/23/23 18:37	50-32-8	
Benzo(b)fluoranthene	<b>0.025</b> U	ug/L	0.091	0.025	1	05/22/23 12:43	05/23/23 18:37	205-99-2	
Benzo(g,h,i)perylene	<b>0.021</b> U	ug/L	0.45	0.021	1	05/22/23 12:43	05/23/23 18:37	191-24-2	
Benzo(k)fluoranthene	<b>0.022</b> U	ug/L	0.45	0.022	1	05/22/23 12:43	05/23/23 18:37	207-08-9	
Chrysene	<b>0.024</b> U	ug/L	0.45	0.024	1	05/22/23 12:43	05/23/23 18:37	218-01-9	
Dibenz(a,h)anthracene	<b>0.023</b> U	ug/L	0.14	0.023	1	05/22/23 12:43	05/23/23 18:37	53-70-3	
Fluoranthene	<b>0.018</b> I	ug/L	0.45	0.016	1	05/22/23 12:43	05/23/23 18:37	206-44-0	
Fluorene	<b>0.015</b> U	ug/L	0.45	0.015	1	05/22/23 12:43	05/23/23 18:37	86-73-7	
Indeno(1,2,3-cd)pyrene	<b>0.022</b> U	ug/L	0.14	0.022	1	05/22/23 12:43	05/23/23 18:37	193-39-5	
1-Methylnaphthalene	<b>0.035</b> U	ug/L	1.8	0.035	1	05/22/23 12:43	05/23/23 18:37	90-12-0	
2-Methylnaphthalene	<b>0.062</b> U	ug/L	1.8	0.062	1	05/22/23 12:43	05/23/23 18:37	91-57-6	
Naphthalene	<b>0.26</b> U	ug/L	1.8	0.26	1	05/22/23 12:43	05/23/23 18:37	91-20-3	
Phenanthrene	<b>0.021</b> I	ug/L	0.45	0.017	1	05/22/23 12:43	05/23/23 18:37	85-01-8	
Pyrene	<b>0.029</b> U	ug/L	0.45	0.029	1	05/22/23 12:43	05/23/23 18:37	129-00-0	
<b>Surrogates</b>									
2-Fluorobiphenyl (S)	77	%	32-100		1	05/22/23 12:43	05/23/23 18:37	321-60-8	
p-Terphenyl-d14 (S)	78	%	48-112		1	05/22/23 12:43	05/23/23 18:37	1718-51-0	
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Acetone	<b>8.7</b> U	ug/L	25.0	8.7	1		05/22/23 00:35	67-64-1	
Benzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/22/23 00:35	71-43-2	
Bromochloromethane	<b>0.37</b> U	ug/L	1.0	0.37	1		05/22/23 00:35	74-97-5	
Bromodichloromethane	<b>0.19</b> U	ug/L	1.0	0.19	1		05/22/23 00:35	75-27-4	
Bromoform	<b>0.48</b> U	ug/L	3.0	0.48	1		05/22/23 00:35	75-25-2	
Bromomethane	<b>3.9</b> U	ug/L	10.0	3.9	1		05/22/23 00:35	74-83-9	J(v2)
2-Butanone (MEK)	<b>6.7</b> U	ug/L	50.0	6.7	1		05/22/23 00:35	78-93-3	
Carbon disulfide	<b>1.8</b> U	ug/L	10.0	1.8	1		05/22/23 00:35	75-15-0	
Carbon tetrachloride	<b>0.44</b> U	ug/L	3.0	0.44	1		05/22/23 00:35	56-23-5	
Chlorobenzene	<b>0.35</b> U	ug/L	1.0	0.35	1		05/22/23 00:35	108-90-7	
Chloroethane	<b>3.7</b> U	ug/L	10.0	3.7	1		05/22/23 00:35	75-00-3	
Chloroform	<b>0.56</b> U	ug/L	1.0	0.56	1		05/22/23 00:35	67-66-3	
Chloromethane	<b>0.43</b> U	ug/L	1.0	0.43	1		05/22/23 00:35	74-87-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Sample: SW-2      Lab ID: 35800855005      Collected: 05/18/23 12:20      Received: 05/19/23 09:45      Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Ormond Beach								
Dibromochloromethane	<b>0.45</b> U	ug/L	2.0	0.45	1		05/22/23 00:35	124-48-1	
Dibromomethane	<b>0.68</b> U	ug/L	2.0	0.68	1		05/22/23 00:35	74-95-3	
1,2-Dichlorobenzene	<b>0.60</b> U	ug/L	1.0	0.60	1		05/22/23 00:35	95-50-1	
1,3-Dichlorobenzene	<b>0.33</b> U	ug/L	1.0	0.33	1		05/22/23 00:35	541-73-1	
1,4-Dichlorobenzene	<b>0.28</b> U	ug/L	1.0	0.28	1		05/22/23 00:35	106-46-7	
1,1-Dichloroethane	<b>0.34</b> U	ug/L	1.0	0.34	1		05/22/23 00:35	75-34-3	
1,2-Dichloroethane	<b>0.27</b> U	ug/L	1.0	0.27	1		05/22/23 00:35	107-06-2	
1,1-Dichloroethene	<b>0.59</b> U	ug/L	1.0	0.59	1		05/22/23 00:35	75-35-4	
cis-1,2-Dichloroethene	<b>0.27</b> U	ug/L	1.0	0.27	1		05/22/23 00:35	156-59-2	
trans-1,2-Dichloroethene	<b>0.23</b> U	ug/L	1.0	0.23	1		05/22/23 00:35	156-60-5	
1,2-Dichloropropane	<b>0.23</b> U	ug/L	1.0	0.23	1		05/22/23 00:35	78-87-5	
Ethylbenzene	<b>0.30</b> U	ug/L	1.0	0.30	1		05/22/23 00:35	100-41-4	
2-Hexanone	<b>3.2</b> U	ug/L	25.0	3.2	1		05/22/23 00:35	591-78-6	
Isopropylbenzene (Cumene)	<b>0.30</b> U	ug/L	1.0	0.30	1		05/22/23 00:35	98-82-8	
Methylene Chloride	<b>1.7</b> U	ug/L	5.0	1.7	1		05/22/23 00:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<b>7.5</b> U	ug/L	25.0	7.5	1		05/22/23 00:35	108-10-1	
Methyl-tert-butyl ether	<b>1.2</b> U	ug/L	5.0	1.2	1		05/22/23 00:35	1634-04-4	
Styrene	<b>0.26</b> U	ug/L	1.0	0.26	1		05/22/23 00:35	100-42-5	
1,1,2,2-Tetrachloroethane	<b>0.59</b> U	ug/L	1.0	0.59	1		05/22/23 00:35	79-34-5	
Tetrachloroethene	<b>0.38</b> U	ug/L	1.0	0.38	1		05/22/23 00:35	127-18-4	
Toluene	<b>0.33</b> U	ug/L	1.0	0.33	1		05/22/23 00:35	108-88-3	
1,1,1-Trichloroethane	<b>0.30</b> U	ug/L	1.0	0.30	1		05/22/23 00:35	71-55-6	
1,1,2-Trichloroethane	<b>0.30</b> U	ug/L	1.0	0.30	1		05/22/23 00:35	79-00-5	
Trichloroethene	<b>0.36</b> U	ug/L	1.0	0.36	1		05/22/23 00:35	79-01-6	
Trichlorofluoromethane	<b>0.72</b> U	ug/L	1.0	0.72	1		05/22/23 00:35	75-69-4	
1,2,4-Trimethylbenzene	<b>0.24</b> U	ug/L	1.0	0.24	1		05/22/23 00:35	95-63-6	
1,3,5-Trimethylbenzene	<b>0.24</b> U	ug/L	1.0	0.24	1		05/22/23 00:35	108-67-8	
Vinyl chloride	<b>0.39</b> U	ug/L	1.0	0.39	1		05/22/23 00:35	75-01-4	
Xylene (Total)	<b>2.1</b> U	ug/L	5.0	2.1	1		05/22/23 00:35	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		05/22/23 00:35	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		05/22/23 00:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/22/23 00:35	2199-69-1	
<b>2540C Total Dissolved Solids</b>	Analytical Method: SM 2540C Pace Analytical Services - Ormond Beach								
Total Dissolved Solids	<b>113</b>	mg/L	5.6	5.6	1		05/24/23 12:10		

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

QC Batch:	920100	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800855004, 35800855005		

METHOD BLANK: 5059419 Matrix: Water

Associated Lab Samples: 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.090 U	0.20	0.090	05/25/23 11:35	

LABORATORY CONTROL SAMPLE: 5059420

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	1.9	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5059421 5059422

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.090 U	2	2	1.9	1.9	95	94	70-130	1	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 919899 Analysis Method: EPA 7470

QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003

METHOD BLANK: 5058902 Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	0.090 U	0.20	0.090	05/25/23 12:49	

LABORATORY CONTROL SAMPLE: 5058903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2	2.1	105	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5058904 5058905

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.090 U	2	2	2.0	2.0	102	99	75-125	3	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 919368

Analysis Method: EPA 200.7

QC Batch Method: EPA 200.7

Analysis Description: 200.7 MET

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855004, 35800855005

METHOD BLANK: 5056854

Matrix: Water

Associated Lab Samples: 35800855002, 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	5.5 U	15.0	5.5	05/22/23 20:13	
Arsenic	ug/L	3.4 U	10.0	3.4	05/22/23 20:13	
Beryllium	ug/L	0.17 U	4.0	0.17	05/22/23 20:13	
Cadmium	ug/L	0.33 U	1.0	0.33	05/22/23 20:13	
Chromium	ug/L	1.7 U	5.0	1.7	05/22/23 20:13	
Copper	ug/L	2.6 U	5.0	2.6	05/22/23 20:13	
Lead	ug/L	2.1 U	10.0	2.1	05/22/23 20:13	
Nickel	ug/L	1.0 U	5.0	1.0	05/22/23 20:13	
Selenium	ug/L	3.9 U	15.0	3.9	05/22/23 20:13	
Silver	ug/L	1.0 U	5.0	1.0	05/22/23 20:13	
Zinc	ug/L	11.0 U	20.0	11.0	05/22/23 20:13	

LABORATORY CONTROL SAMPLE: 5056855

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	250	246	98	85-115	
Arsenic	ug/L	250	237	95	85-115	
Beryllium	ug/L	25	24.8	99	85-115	
Cadmium	ug/L	25	25.0	100	85-115	
Chromium	ug/L	250	252	101	85-115	
Copper	ug/L	250	250	100	85-115	
Lead	ug/L	250	258	103	85-115	
Nickel	ug/L	250	258	103	85-115	
Selenium	ug/L	250	248	99	85-115	
Silver	ug/L	25	24.6	99	85-115	
Zinc	ug/L	1250	1250	100	85-115	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5056856 5056857

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35800855002	Result	Spike Conc.	Spike Conc.						
Antimony	ug/L	5.5 U	250	250	251	250	100	99	70-130	0	20
Arsenic	ug/L	4.3 I	250	250	246	245	97	96	70-130	0	20
Beryllium	ug/L	0.21 I	25	25	26.0	25.7	103	102	70-130	1	20
Cadmium	ug/L	0.33 U	25	25	24.7	24.6	99	98	70-130	0	20
Chromium	ug/L	1.7 U	250	250	253	253	101	101	70-130	0	20
Copper	ug/L	2.6 U	250	250	259	257	103	102	70-130	1	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5056856      5056857

Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	Max	
		35800855002	Spike Conc.	Spike Conc.	MS Result						RPD	RPD
Lead	ug/L	3.1 I	250	250	255	253	101	100	100	70-130	1	20
Nickel	ug/L	4.0 I	250	250	259	257	102	101	101	70-130	1	20
Selenium	ug/L	3.9 U	250	250	248	247	98	98	98	70-130	0	20
Silver	ug/L	1.0 U	25	25	25.6	25.5	103	102	102	70-130	0	20
Zinc	ug/L	11.0 U	1250	1250	1240	1230	98	98	98	70-130	0	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

QC Batch:	919369	Analysis Method:	EPA 200.8
QC Batch Method:	EPA 200.8	Analysis Description:	200.8 MET
		Laboratory:	Pace Analytical Services - Ormond Beach
Associated Lab Samples:	35800855004, 35800855005		

METHOD BLANK: 5056859 Matrix: Water

Associated Lab Samples: 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Thallium	ug/L	0.11 U	1.0	0.11	05/22/23 11:47	

LABORATORY CONTROL SAMPLE: 5056860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Thallium	ug/L	50	52.8	106	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5056861 5056862

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Thallium	ug/L	0.11 U	50	50	52.3	51.9	105	104	70-130	1	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 919366 Analysis Method: EPA 6010

QC Batch Method: EPA 3010 Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003

METHOD BLANK: 5056846 Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	5.5 U	15.0	5.5	05/23/23 00:44	
Arsenic	ug/L	3.4 U	10.0	3.4	05/23/23 00:44	
Beryllium	ug/L	0.17 U	4.0	0.17	05/23/23 00:44	
Cadmium	ug/L	0.33 U	1.0	0.33	05/23/23 00:44	
Chromium	ug/L	1.7 U	5.0	1.7	05/23/23 00:44	
Copper	ug/L	2.6 U	5.0	2.6	05/23/23 00:44	
Lead	ug/L	2.1 U	10.0	2.1	05/23/23 00:44	
Nickel	ug/L	1.0 U	5.0	1.0	05/23/23 00:44	
Selenium	ug/L	3.9 U	15.0	3.9	05/23/23 00:44	
Silver	ug/L	1.0 U	5.0	1.0	05/23/23 00:44	
Zinc	ug/L	11.0 U	20.0	11.0	05/23/23 00:44	

LABORATORY CONTROL SAMPLE: 5056847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	250	238	95	80-120	
Arsenic	ug/L	250	228	91	80-120	
Beryllium	ug/L	25	24.3	97	80-120	
Cadmium	ug/L	25	24.3	97	80-120	
Chromium	ug/L	250	245	98	80-120	
Copper	ug/L	250	244	98	80-120	
Lead	ug/L	250	252	101	80-120	
Nickel	ug/L	250	252	101	80-120	
Selenium	ug/L	250	238	95	80-120	
Silver	ug/L	25	23.9	95	80-120	
Zinc	ug/L	1250	1220	97	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5056848 5056849

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		35800855002	Spike Result	Spike Conc.	Conc.	MS Result	MSD Result	% Rec	% Rec				
Antimony	ug/L	5.5 U	250	250	248	245	99	98	75-125	1	20		
Arsenic	ug/L	3.4 U	250	250	261	237	103	94	75-125	10	20		
Beryllium	ug/L	0.21 I	25	25	24.8	25.3	98	100	75-125	2	20		
Cadmium	ug/L	0.33 U	25	25	25.8	24.0	103	96	75-125	7	20		
Chromium	ug/L	1.7 U	250	250	267	249	106	99	75-125	7	20		
Copper	ug/L	2.6 U	250	250	268	252	107	101	75-125	6	20		

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5056848      5056849

Parameter	Units	MS		MSD		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	Max	
		35800855002	Spike Conc.	Spike Conc.	MS Result						RPD	RPD
Lead	ug/L	3.1 I	250	250	271	250	107	99	75-125	8	20	
Nickel	ug/L	4.3 I	250	250	271	253	107	100	75-125	7	20	
Selenium	ug/L	3.9 U	250	250	243	241	96	95	75-125	1	20	
Silver	ug/L	1.0 U	25	25	27.7	25.1	110	100	75-125	10	20	
Zinc	ug/L	11.0 U	1250	1250	1310	1200	104	96	75-125	9	20	

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## REPORT OF LABORATORY ANALYSIS

## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 919367 Analysis Method: EPA 6020

QC Batch Method: EPA 3010 Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003

METHOD BLANK: 5056850 Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Thallium	ug/L	0.11 U	1.0	0.11	05/21/23 20:42	

LABORATORY CONTROL SAMPLE: 5056851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Thallium	ug/L	50	49.4	99	80-120	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5056852 5056853

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Thallium	ug/L	0.11 U	50	50	48.7	49.8	97	100	75-125	2	20

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch:	919627	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

METHOD BLANK: 5057598

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	0.30 U	1.0	0.30	05/21/23 19:39	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	1.0	0.59	05/21/23 19:39	
1,1,2-Trichloroethane	ug/L	0.30 U	1.0	0.30	05/21/23 19:39	
1,1-Dichloroethane	ug/L	0.34 U	1.0	0.34	05/21/23 19:39	
1,1-Dichloroethene	ug/L	0.59 U	1.0	0.59	05/21/23 19:39	
1,2,4-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	05/21/23 19:39	
1,2-Dichlorobenzene	ug/L	0.60 U	1.0	0.60	05/21/23 19:39	
1,2-Dichloroethane	ug/L	0.27 U	1.0	0.27	05/21/23 19:39	
1,2-Dichloropropane	ug/L	0.23 U	1.0	0.23	05/21/23 19:39	
1,3,5-Trimethylbenzene	ug/L	0.24 U	1.0	0.24	05/21/23 19:39	
1,3-Dichlorobenzene	ug/L	0.33 U	1.0	0.33	05/21/23 19:39	
1,4-Dichlorobenzene	ug/L	0.28 U	1.0	0.28	05/21/23 19:39	
2-Butanone (MEK)	ug/L	6.7 U	50.0	6.7	05/21/23 19:39	
2-Hexanone	ug/L	3.2 U	25.0	3.2	05/21/23 19:39	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	25.0	7.5	05/21/23 19:39	
Acetone	ug/L	8.7 U	25.0	8.7	05/21/23 19:39	
Benzene	ug/L	0.30 U	1.0	0.30	05/21/23 19:39	
Bromochloromethane	ug/L	0.37 U	1.0	0.37	05/21/23 19:39	
Bromodichloromethane	ug/L	0.19 U	1.0	0.19	05/21/23 19:39	
Bromoform	ug/L	0.48 U	3.0	0.48	05/21/23 19:39	
Bromomethane	ug/L	3.9 U	10.0	3.9	05/21/23 19:39	J(v2)
Carbon disulfide	ug/L	1.8 U	10.0	1.8	05/21/23 19:39	
Carbon tetrachloride	ug/L	0.44 U	3.0	0.44	05/21/23 19:39	
Chlorobenzene	ug/L	0.35 U	1.0	0.35	05/21/23 19:39	
Chloroethane	ug/L	3.7 U	10.0	3.7	05/21/23 19:39	
Chloroform	ug/L	0.56 U	1.0	0.56	05/21/23 19:39	
Chloromethane	ug/L	0.43 U	1.0	0.43	05/21/23 19:39	
cis-1,2-Dichloroethene	ug/L	0.27 U	1.0	0.27	05/21/23 19:39	
Dibromochloromethane	ug/L	0.45 U	2.0	0.45	05/21/23 19:39	
Dibromomethane	ug/L	0.68 U	2.0	0.68	05/21/23 19:39	
Ethylbenzene	ug/L	0.30 U	1.0	0.30	05/21/23 19:39	
Isopropylbenzene (Cumene)	ug/L	0.30 U	1.0	0.30	05/21/23 19:39	
Methyl-tert-butyl ether	ug/L	1.2 U	5.0	1.2	05/21/23 19:39	
Methylene Chloride	ug/L	1.7 U	5.0	1.7	05/21/23 19:39	
Styrene	ug/L	0.26 U	1.0	0.26	05/21/23 19:39	
Tetrachloroethene	ug/L	0.38 U	1.0	0.38	05/21/23 19:39	
Toluene	ug/L	0.33 U	1.0	0.33	05/21/23 19:39	
trans-1,2-Dichloroethene	ug/L	0.23 U	1.0	0.23	05/21/23 19:39	
Trichloroethene	ug/L	0.36 U	1.0	0.36	05/21/23 19:39	
Trichlorofluoromethane	ug/L	0.72 U	1.0	0.72	05/21/23 19:39	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

METHOD BLANK: 5057598

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Vinyl chloride	ug/L	0.39 U	1.0	0.39	05/21/23 19:39	
Xylene (Total)	ug/L	2.1 U	5.0	2.1	05/21/23 19:39	
1,2-Dichlorobenzene-d4 (S)	%	96	70-130		05/21/23 19:39	
4-Bromofluorobenzene (S)	%	92	70-130		05/21/23 19:39	
Toluene-d8 (S)	%	96	70-130		05/21/23 19:39	

LABORATORY CONTROL SAMPLE: 5057599

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.8	99	68-125	
1,1,2-Trichloroethane	ug/L	20	19.4	97	70-130	
1,1-Dichloroethane	ug/L	20	19.7	99	70-130	
1,1-Dichloroethene	ug/L	20	18.2	91	66-133	
1,2,4-Trimethylbenzene	ug/L	20	20.4	102	70-130	
1,2-Dichlorobenzene	ug/L	20	19.4	97	70-130	
1,2-Dichloroethane	ug/L	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	20	19.8	99	70-130	
1,3,5-Trimethylbenzene	ug/L	20	20.4	102	70-130	
1,3-Dichlorobenzene	ug/L	20	20.3	101	70-130	
1,4-Dichlorobenzene	ug/L	20	19.6	98	70-130	
2-Butanone (MEK)	ug/L	100	94.4	94	47-143	
2-Hexanone	ug/L	100	103	103	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	57-132	
Acetone	ug/L	100	88.5	89	46-148	
Benzene	ug/L	20	19.4	97	70-130	
Bromochloromethane	ug/L	20	19.3	97	70-130	
Bromodichloromethane	ug/L	20	19.3	96	70-130	
Bromoform	ug/L	20	16.4	82	49-126	
Bromomethane	ug/L	20	13.4	67	10-165 J(v3)	
Carbon disulfide	ug/L	20	23.7	118	60-141	
Carbon tetrachloride	ug/L	20	20.0	100	63-126	
Chlorobenzene	ug/L	20	21.5	108	70-130	
Chloroethane	ug/L	20	21.6	108	71-142	
Chloroform	ug/L	20	19.7	99	70-130	
Chloromethane	ug/L	20	19.5	98	40-140	
cis-1,2-Dichloroethene	ug/L	20	20.3	102	70-130	
Dibromochloromethane	ug/L	20	19.1	95	62-118	
Dibromomethane	ug/L	20	17.2	86	70-130	
Ethylbenzene	ug/L	20	21.1	105	70-130	
Isopropylbenzene (Cumene)	ug/L	20	20.3	102	70-130	
Methyl-tert-butyl ether	ug/L	20	17.3	86	64-124	
Methylene Chloride	ug/L	20	20.8	104	65-136	
Styrene	ug/L	20	23.1	116	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

LABORATORY CONTROL SAMPLE: 5057599

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	20	21.0	105	64-134	
Toluene	ug/L	20	21.1	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	18.7	94	68-127	
Trichloroethene	ug/L	20	18.6	93	70-130	
Trichlorofluoromethane	ug/L	20	21.5	108	65-135	
Vinyl chloride	ug/L	20	20.4	102	68-131	
Xylene (Total)	ug/L	60	61.6	103	70-130	
1,2-Dichlorobenzene-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 5057601

Parameter	Units	35800770022 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	0.30 U	20	18.8	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	20	17.9	90	68-125	
1,1,2-Trichloroethane	ug/L	0.30 U	20	17.7	89	70-130	
1,1-Dichloroethane	ug/L	0.43 I	20	20.5	100	70-130	
1,1-Dichloroethene	ug/L	1.5	20	20.1	93	66-133	
1,2,4-Trimethylbenzene	ug/L	0.24 U	20	16.4	82	70-130	
1,2-Dichlorobenzene	ug/L	0.60 U	20	15.5	77	70-130	
1,2-Dichloroethane	ug/L	0.27 U	20	19.6	98	70-130	
1,2-Dichloropropane	ug/L	0.23 U	20	18.9	95	70-130	
1,3,5-Trimethylbenzene	ug/L	0.24 U	20	16.7	83	70-130	
1,3-Dichlorobenzene	ug/L	0.33 U	20	16.1	80	70-130	
1,4-Dichlorobenzene	ug/L	0.28 U	20	15.8	79	70-130	
2-Butanone (MEK)	ug/L	6.7 U	100	92.0	92	47-143	
2-Hexanone	ug/L	3.2 U	100	92.5	92	48-145	
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	100	96.7	97	57-132	
Acetone	ug/L	8.7 U	100	84.4	84	46-148	
Benzene	ug/L	0.30 U	20	18.7	94	70-130	
Bromochloromethane	ug/L	0.37 U	20	17.7	88	70-130	
Bromodichloromethane	ug/L	0.19 U	20	18.0	90	70-130	
Bromoform	ug/L	0.48 U	20	13.5	67	49-126	
Bromomethane	ug/L	3.9 U	20	11.0	55	10-165 J(v3)	
Carbon disulfide	ug/L	1.8 U	20	21.2	106	60-141	
Carbon tetrachloride	ug/L	0.44 U	20	19.8	99	63-126	
Chlorobenzene	ug/L	0.35 U	20	18.9	95	70-130	
Chloroethane	ug/L	3.7 U	20	23.8	119	71-142	
Chloroform	ug/L	0.56 U	20	18.5	92	70-130	
Chloromethane	ug/L	0.43 U	20	22.2	111	40-140	
cis-1,2-Dichloroethene	ug/L	0.27 U	20	19.5	98	70-130	
Dibromochloromethane	ug/L	0.45 U	20	16.9	85	62-118	
Dibromomethane	ug/L	0.68 U	20	15.5	77	70-130	
Ethylbenzene	ug/L	0.30 U	20	18.0	90	70-130	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

MATRIX SPIKE SAMPLE:	5057601						
Parameter	Units	35800770022	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Isopropylbenzene (Cumene)	ug/L	0.30 U	20	17.6	88	70-130	
Methyl-tert-butyl ether	ug/L	1.2 U	20	14.5	73	64-124	
Methylene Chloride	ug/L	1.7 U	20	20.3	101	65-136	
Styrene	ug/L	0.26 U	20	19.4	97	70-130	
Tetrachloroethene	ug/L	0.38 U	20	17.3	86	64-134	
Toluene	ug/L	0.33 U	20	19.0	95	70-130	
trans-1,2-Dichloroethene	ug/L	0.23 U	20	18.0	90	68-127	
Trichloroethene	ug/L	0.36 U	20	17.7	88	70-130	
Trichlorofluoromethane	ug/L	0.72 U	20	25.9	130	65-135	
Vinyl chloride	ug/L	0.39 U	20	25.3	127	68-131	
Xylene (Total)	ug/L	2.1 U	60	53.3	89	70-130	
1,2-Dichlorobenzene-d4 (S)	%				96	70-130	
4-Bromofluorobenzene (S)	%				93	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 5057600

Parameter	Units	35800770021	Dup Result	Max RPD	RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	0.30 U	0.30 U			40
1,1,2,2-Tetrachloroethane	ug/L	0.59 U	0.59 U			40
1,1,2-Trichloroethane	ug/L	0.30 U	0.30 U			40
1,1-Dichloroethane	ug/L	5.9	6.1	3		40
1,1-Dichloroethene	ug/L	14.9	14.1	5		40
1,2,4-Trimethylbenzene	ug/L	0.24 U	0.24 U			40
1,2-Dichlorobenzene	ug/L	0.60 U	0.60 U			40
1,2-Dichloroethane	ug/L	0.27 U	0.27 U			40
1,2-Dichloropropane	ug/L	0.23 U	0.23 U			40
1,3,5-Trimethylbenzene	ug/L	0.24 U	0.24 U			40
1,3-Dichlorobenzene	ug/L	0.33 U	0.33 U			40
1,4-Dichlorobenzene	ug/L	0.82 I	0.79 I			40
2-Butanone (MEK)	ug/L	6.7 U	6.7 U			40
2-Hexanone	ug/L	3.2 U	3.2 U			40
4-Methyl-2-pentanone (MIBK)	ug/L	7.5 U	7.5 U			40
Acetone	ug/L	8.7 U	8.7 U			40
Benzene	ug/L	0.45 I	0.51 I			40
Bromochloromethane	ug/L	0.37 U	0.37 U			40
Bromodichloromethane	ug/L	0.19 U	0.19 U			40
Bromoform	ug/L	0.48 U	0.48 U			40
Bromomethane	ug/L	3.9 U	3.9 U			40 J(v2)
Carbon disulfide	ug/L	1.8 U	1.8 U			40
Carbon tetrachloride	ug/L	0.44 U	0.44 U			40
Chlorobenzene	ug/L	0.35 U	0.35 U			40
Chloroethane	ug/L	3.7 U	3.7 U			40
Chloroform	ug/L	0.56 U	0.56 U			40
Chloromethane	ug/L	0.43 U	0.43 U			40

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

SAMPLE DUPLICATE: 5057600

Parameter	Units	35800770021	Dup Result	RPD	Max RPD	Qualifiers
cis-1,2-Dichloroethene	ug/L	0.77 I	0.27 U		40	
Dibromochloromethane	ug/L	0.45 U	0.45 U		40	
Dibromomethane	ug/L	0.68 U	0.68 U		40	
Ethylbenzene	ug/L	0.30 U	0.30 U		40	
Isopropylbenzene (Cumene)	ug/L	0.30 U	0.30 U		40	
Methyl-tert-butyl ether	ug/L	1.2 U	1.2 U		40	
Methylene Chloride	ug/L	1.7 U	1.7 U		40	
Styrene	ug/L	0.26 U	0.26 U		40	
Tetrachloroethene	ug/L	0.38 U	0.38 U		40	
Toluene	ug/L	0.33 U	0.33 U		40	
trans-1,2-Dichloroethene	ug/L	0.23 U	0.23 U		40	
Trichloroethene	ug/L	0.36 U	0.36 U		40	
Trichlorofluoromethane	ug/L	0.72 U	0.72 U		40	
Vinyl chloride	ug/L	19.3	20.2	4	40	
Xylene (Total)	ug/L	2.1 U	2.1 U		40	
1,2-Dichlorobenzene-d4 (S)	%	96	98		40	
4-Bromofluorobenzene (S)	%	89	92		40	
Toluene-d8 (S)	%	98	98		40	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch:	919667	Analysis Method:	EPA 8081
QC Batch Method:	EPA 3510	Analysis Description:	8081 GCS Pesticides
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

METHOD BLANK: 5057706

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
4,4'-DDD	ug/L	0.0027 U	0.010	0.0027	05/30/23 06:45	
4,4'-DDE	ug/L	0.0050 U	0.010	0.0050	05/30/23 06:45	
4,4'-DDT	ug/L	0.0051 U	0.010	0.0051	05/30/23 06:45	
Aldrin	ug/L	0.0092 U	0.010	0.0092	05/30/23 06:45	
alpha-BHC	ug/L	0.0021 U	0.010	0.0021	05/30/23 06:45	
beta-BHC	ug/L	0.020 U	0.030	0.020	05/30/23 06:45	
Chlordane (Technical)	ug/L	0.25 U	0.50	0.25	05/30/23 06:45	
delta-BHC	ug/L	0.0099 U	0.010	0.0099	05/30/23 06:45	
Dieldrin	ug/L	0.0020 U	0.010	0.0020	05/30/23 06:45	
Endosulfan I	ug/L	0.0051 U	0.010	0.0051	05/30/23 06:45	
Endosulfan II	ug/L	0.0040 U	0.010	0.0040	05/30/23 06:45	
Endosulfan sulfate	ug/L	0.0027 U	0.10	0.0027	05/30/23 06:45	
Endrin	ug/L	0.0043 U	0.010	0.0043	05/30/23 06:45	
Endrin aldehyde	ug/L	0.0036 U	0.10	0.0036	05/30/23 06:45	
Endrin ketone	ug/L	0.0050 U	0.010	0.0050	05/30/23 06:45	
gamma-BHC (Lindane)	ug/L	0.0022 U	0.010	0.0022	05/30/23 06:45	
Heptachlor	ug/L	0.0062 U	0.010	0.0062	05/30/23 06:45	
Heptachlor epoxide	ug/L	0.0029 U	0.020	0.0029	05/30/23 06:45	
Methoxychlor	ug/L	0.0042 U	0.010	0.0042	05/30/23 06:45	
Toxaphene	ug/L	0.25 U	0.50	0.25	05/30/23 06:45	
Decachlorobiphenyl (S)	%	70	10-132		05/30/23 06:45	
Tetrachloro-m-xylene (S)	%	61	27-124		05/30/23 06:45	

LABORATORY CONTROL SAMPLE: 5057707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	0.5	0.51	103	67-133	
4,4'-DDE	ug/L	0.5	0.44	88	59-125	
4,4'-DDT	ug/L	0.5	0.48	97	54-132	
Aldrin	ug/L	0.5	0.30	60	25-116	
alpha-BHC	ug/L	0.5	0.50	100	53-126	
beta-BHC	ug/L	0.5	0.52	105	62-130	
delta-BHC	ug/L	0.5	0.50	100	35-122	
Dieldrin	ug/L	0.5	0.51	102	66-128	
Endosulfan I	ug/L	0.5	0.50	99	67-125	
Endosulfan II	ug/L	0.5	0.54	107	67-131	
Endosulfan sulfate	ug/L	0.5	0.53	106	62-127	
Endrin	ug/L	0.5	0.56	113	66-130	
Endrin aldehyde	ug/L	0.5	0.50	99	61-124	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

**LABORATORY CONTROL SAMPLE: 5057707**

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin ketone	ug/L	0.5	0.54	108	65-132	
gamma-BHC (Lindane)	ug/L	0.5	0.51	101	58-127	
Heptachlor	ug/L	0.5	0.39	77	35-123	
Heptachlor epoxide	ug/L	0.5	0.50	101	62-125	
Methoxychlor	ug/L	0.5	0.50	101	59-135	
Decachlorobiphenyl (S)	%			36	10-132	
Tetrachloro-m-xylene (S)	%			60	27-124	

**MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5057708      5057709**

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		
		35800855002	Result	Spike Conc.	MS Result				RPD	RPD	Qual
4,4'-DDD	ug/L	0.0025	U	0.47	0.48	0.36	0.39	76	82	67-133	9 40
4,4'-DDE	ug/L	0.0047	U	0.47	0.48	0.24	0.27	50	57	59-125	14 40 J(M1)
4,4'-DDT	ug/L	0.0048	U	0.47	0.48	0.25	0.29	53	60	54-132	13 40 J(M1)
Aldrin	ug/L	0.0087	U	0.47	0.48	0.23	0.24	48	50	25-116	5 40
alpha-BHC	ug/L	0.0020	U	0.47	0.48	0.41	0.43	87	90	53-126	5 40
beta-BHC	ug/L	0.028	I	0.47	0.48	0.44	0.45	87	89	62-130	3 40
delta-BHC	ug/L	0.0093	U	0.47	0.48	0.42	0.44	89	91	35-122	4 40
Dieldrin	ug/L	0.0019	U	0.47	0.48	0.43	0.45	90	93	66-128	5 40
Endosulfan I	ug/L	0.0048	U	0.47	0.48	0.43	0.45	91	94	67-125	5 40
Endosulfan II	ug/L	0.0038	U	0.47	0.48	0.44	0.46	94	97	67-131	4 40
Endosulfan sulfate	ug/L	0.0025	U	0.47	0.48	0.46	0.48	98	101	62-127	5 40
Endrin	ug/L	0.0041	U	0.47	0.48	0.45	0.47	96	99	66-130	5 40
Endrin aldehyde	ug/L	0.0034	U	0.47	0.48	0.38	0.42	81	88	61-124	10 40
Endrin ketone	ug/L	0.0047	U	0.47	0.48	0.47	0.49	100	102	65-132	4 40
gamma-BHC (Lindane)	ug/L	0.0021	U	0.47	0.48	0.43	0.45	91	94	58-127	4 40
Heptachlor	ug/L	0.0058	U	0.47	0.48	0.29	0.30	62	63	35-123	4 40
Heptachlor epoxide	ug/L	0.0027	U	0.47	0.48	0.43	0.45	91	94	62-125	5 40
Methoxychlor	ug/L	0.0040	U	0.47	0.48	0.37	0.40	78	83	59-135	7 40
Decachlorobiphenyl (S)	%							32	33	10-132	
Tetrachloro-m-xylene (S)	%							58	61	27-124	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch:	919650	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAHLV by SIM MSSV
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

METHOD BLANK: 5057669

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	0.039 U	2.0	0.039	05/23/23 15:17	
2-Methylnaphthalene	ug/L	0.068 U	2.0	0.068	05/23/23 15:17	
Acenaphthene	ug/L	0.019 U	0.50	0.019	05/23/23 15:17	
Acenaphthylene	ug/L	0.031 U	0.50	0.031	05/23/23 15:17	
Anthracene	ug/L	0.020 U	0.50	0.020	05/23/23 15:17	
Benzo(a)anthracene	ug/L	0.020 U	0.10	0.020	05/23/23 15:17	
Benzo(a)pyrene	ug/L	0.021 U	0.20	0.021	05/23/23 15:17	
Benzo(b)fluoranthene	ug/L	0.027 U	0.10	0.027	05/23/23 15:17	
Benzo(g,h,i)perylene	ug/L	0.023 U	0.50	0.023	05/23/23 15:17	
Benzo(k)fluoranthene	ug/L	0.024 U	0.50	0.024	05/23/23 15:17	
Chrysene	ug/L	0.026 U	0.50	0.026	05/23/23 15:17	
Dibenz(a,h)anthracene	ug/L	0.025 U	0.15	0.025	05/23/23 15:17	
Fluoranthene	ug/L	0.018 U	0.50	0.018	05/23/23 15:17	
Fluorene	ug/L	0.017 U	0.50	0.017	05/23/23 15:17	
Indeno(1,2,3-cd)pyrene	ug/L	0.024 U	0.15	0.024	05/23/23 15:17	
Naphthalene	ug/L	0.29 U	2.0	0.29	05/23/23 15:17	
Phenanthrene	ug/L	0.019 U	0.50	0.019	05/23/23 15:17	
Pyrene	ug/L	0.032 U	0.50	0.032	05/23/23 15:17	
2-Fluorobiphenyl (S)	%	80	32-100		05/23/23 15:17	
p-Terphenyl-d14 (S)	%	97	48-112		05/23/23 15:17	

LABORATORY CONTROL SAMPLE: 5057670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	5	4.3	86	34-103	
2-Methylnaphthalene	ug/L	5	4.5	90	35-100	
Acenaphthene	ug/L	5	4.7	95	38-102	
Acenaphthylene	ug/L	5	4.0	80	35-97	
Anthracene	ug/L	5	4.9	99	46-107	
Benzo(a)anthracene	ug/L	5	5.2	105	55-113	
Benzo(a)pyrene	ug/L	5	4.9	99	51-112	
Benzo(b)fluoranthene	ug/L	5	5.3	105	58-116	
Benzo(g,h,i)perylene	ug/L	5	5.0	100	45-116	
Benzo(k)fluoranthene	ug/L	5	5.1	102	58-118	
Chrysene	ug/L	5	5.4	107	58-120	
Dibenz(a,h)anthracene	ug/L	5	5.1	103	46-114	
Fluoranthene	ug/L	5	4.9	98	54-118	
Fluorene	ug/L	5	4.3	86	40-105	
Indeno(1,2,3-cd)pyrene	ug/L	5	4.9	98	46-114	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

LABORATORY CONTROL SAMPLE: 5057670

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	5	4.5	90	34-97	
Phenanthrene	ug/L	5	5.0	100	47-110	
Pyrene	ug/L	5	5.0	101	54-117	
2-Fluorobiphenyl (S)	%			80	32-100	
p-Terphenyl-d14 (S)	%			92	48-112	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057671      5057672

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		35800841001	Result	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/L	0.040	U	5.2	5.5	3.8	4.1	72	76	34-103	10
2-Methylnaphthalene	ug/L	0.070	U	5.2	5.5	3.9	4.4	76	80	35-100	11
Acenaphthene	ug/L	0.019	U	5.2	5.5	4.1	4.6	80	84	38-102	11
Acenaphthylene	ug/L	0.032	U	5.2	5.5	3.6	4.0	69	72	35-97	11
Anthracene	ug/L	0.020	U	5.2	5.5	4.6	5.0	88	92	46-107	9
Benz(a)anthracene	ug/L	0.020	U	5.2	5.5	5.0	5.3	97	97	55-113	6
Benz(a)pyrene	ug/L	0.022	U	5.2	5.5	4.8	5.1	92	93	51-112	6
Benz(b)fluoranthene	ug/L	0.028	U	5.2	5.5	4.9	5.1	94	94	58-116	5
Benz(g,h,i)perylene	ug/L	0.024	U	5.2	5.5	4.8	5.1	93	93	45-116	5
Benz(k)fluoranthene	ug/L	0.025	U	5.2	5.5	5.2	5.5	101	101	58-118	6
Chrysene	ug/L	0.027	U	5.2	5.5	5.2	5.5	101	101	58-120	6
Dibenz(a,h)anthracene	ug/L	0.026	U	5.2	5.5	5.0	5.2	96	96	46-114	5
Fluoranthene	ug/L	0.018	U	5.2	5.5	4.7	5.0	91	92	54-118	6
Fluorene	ug/L	0.017	U	5.2	5.5	3.9	4.3	76	78	40-105	9
Indeno(1,2,3-cd)pyrene	ug/L	0.025	U	5.2	5.5	4.8	5.0	92	92	46-114	5
Naphthalene	ug/L	0.30	U	5.2	5.5	3.9	4.3	75	78	34-97	10
Phenanthrene	ug/L	0.019	U	5.2	5.5	4.6	5.1	89	93	47-110	9
Pyrene	ug/L	0.033	U	5.2	5.5	4.8	5.1	93	94	54-117	6
2-Fluorobiphenyl (S)	%							68	69	32-100	
p-Terphenyl-d14 (S)	%							84	83	48-112	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 919608

Analysis Method: FL-PRO

QC Batch Method: EPA 3510

Analysis Description: FL-PRO Water Low Volume

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

METHOD BLANK: 5057564

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/L	0.80 U	1.0	0.80	05/22/23 19:20	
N-Pentatriacontane (S)	%	77	42-159		05/22/23 19:20	
o-Terphenyl (S)	%	78	66-139		05/22/23 19:20	

LABORATORY CONTROL SAMPLE: 5057565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/L	5	4.4	87	66-119	
N-Pentatriacontane (S)	%			75	42-159	
o-Terphenyl (S)	%			76	66-139	

MATRIX SPIKE &amp; MATRIX SPIKE DUPLICATE: 5057566                    5057567

Parameter	Units	35800855002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
Petroleum Range Organics	mg/L	0.74 U	4.8	4.6	4.0	5.0	69	92	65-123	20	20	
N-Pentatriacontane (S)	%						75	89	42-159			
o-Terphenyl (S)	%						65	83	66-139			J(S0)

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 920238

Analysis Method: SM 2540C

QC Batch Method: SM 2540C

Analysis Description: 2540C Total Dissolved Solids

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855002

METHOD BLANK: 5060163

Matrix: Water

Associated Lab Samples: 35800855002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	05/23/23 20:04	

LABORATORY CONTROL SAMPLE: 5060164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	298	99	90-110	

SAMPLE DUPLICATE: 5060165

Parameter	Units	35800792001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	577	624	8	10	

SAMPLE DUPLICATE: 5060166

Parameter	Units	35800818004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	410	411	0	10	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 920425

Analysis Method: SM 2540C

QC Batch Method: SM 2540C

Analysis Description: 2540C Total Dissolved Solids

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855001, 35800855003, 35800855004

METHOD BLANK: 5060938

Matrix: Water

Associated Lab Samples: 35800855001, 35800855003, 35800855004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	05/24/23 12:52	

LABORATORY CONTROL SAMPLE: 5060939

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	314	105	90-110	

SAMPLE DUPLICATE: 5060940

Parameter	Units	20278156001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	69.0	63.0	9	10	

SAMPLE DUPLICATE: 5060941

Parameter	Units	35800773001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5680	5600	1	10	

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## QUALITY CONTROL DATA

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 920427

Analysis Method: SM 2540C

QC Batch Method: SM 2540C

Analysis Description: 2540C Total Dissolved Solids

Laboratory:

Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35800855005

METHOD BLANK: 5060944

Matrix: Water

Associated Lab Samples: 35800855005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	5.0 U	5.0	5.0	05/24/23 12:10	

LABORATORY CONTROL SAMPLE: 5060945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	300	300	100	90-110	

SAMPLE DUPLICATE: 5060946

Parameter	Units	35800855005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	113	116	2	10	

SAMPLE DUPLICATE: 5060947

Parameter	Units	35800975001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1160	1230	5	10	

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## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Lena Road Parcel 103  
 Pace Project No.: 35800855

**Sample: TMW-1**      Lab ID: **35800855001**      Collected: 05/18/23 11:31      Received: 05/19/23 09:45      Matrix: Water  
 PWS:                      Site ID:                      Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	<b>19.1 ± 3.96 (1.54)</b> C:NA T:NA	pCi/L	06/12/23 18:57	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	<b>3.32 ± 1.09 (0.887)</b> C:NA T:96%	pCi/L	06/14/23 15:10	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	<b>0.913 ± 0.402 (0.655)</b> C:84% T:92%	pCi/L	06/09/23 17:40	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	<b>4.23 ± 1.49 (1.54)</b>	pCi/L	06/14/23 17:47	7440-14-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Lena Road Parcel 103  
 Pace Project No.: 35800855

**Sample: TMW-3**      Lab ID: **35800855002**      Collected: 05/18/23 09:32      Received: 05/19/23 09:45      Matrix: Water  
 PWS:                      Site ID:                      Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	<b>3.04 ± 1.83 (2.90)</b> C:NA T:NA	pCi/L	06/12/23 18:57	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	<b>1.56 ± 0.786 (0.890)</b> C:NA T:102%	pCi/L	06/14/23 15:10	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	<b>0.690U ± 0.352 (0.690)</b> C:86% T:77%	pCi/L	06/09/23 17:40	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	<b>2.00 ± 1.14 (1.58)</b>	pCi/L	06/14/23 17:47	7440-14-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Lena Road Parcel 103

Pace Project No.: 35800855

**Sample: TMW-4**      **Lab ID: 35800855003**      Collected: 05/18/23 12:49      Received: 05/19/23 09:45      Matrix: Water  
 PWS:                      Site ID:                      Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	SM 7110C-11	<b>15.6 ± 3.75 (2.58)</b> C:NA T:NA	pCi/L	06/12/23 18:25	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	<b>7.25 ± 1.64 (0.792)</b> C:NA T:96%	pCi/L	06/14/23 15:10	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	<b>1.41 ± 0.456 (0.558)</b> C:89% T:87%	pCi/L	06/09/23 17:40	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	<b>8.67 ± 2.10 (1.35)</b>	pCi/L	06/14/23 17:47	7440-14-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

**Sample: SW-1**      Lab ID: **35800855004**      Collected: 05/18/23 11:50      Received: 05/19/23 09:45      Matrix: Water  
PWS:                      Site ID:                      Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	<b>1.91U ± 0.979 (1.91)</b> C:NA T:NA	pCi/L	06/12/23 09:51	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	<b>1.73U ± 0.817 (1.73)</b> C:NA T:54%	pCi/L	06/14/23 15:10	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	<b>1.85U ± 0.813 (1.85)</b> C:59% T:38%	pCi/L	06/09/23 17:40	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	<b>3.58U ± 1.63 (3.58)</b>	pCi/L	06/14/23 17:47	7440-14-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Lena Road Parcel 103  
 Pace Project No.: 35800855

**Sample: SW-2**      **Lab ID: 35800855005**      Collected: 05/18/23 12:20      Received: 05/19/23 09:45      Matrix: Water  
**PWS:**      Site ID:      Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	<b>1.54U ± 0.881 (1.54)</b> C:NA T:NA	pCi/L	06/12/23 09:51	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	<b>2.66U ± 1.33 (2.66)</b> C:NA T:34%	pCi/L	06/14/23 15:10	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	<b>2.58U ± 1.07 (2.58)</b> C:73% T:28%	pCi/L	06/09/23 17:40	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	<b>5.24U ± 2.40 (5.24)</b>	pCi/L	06/14/23 17:47	7440-14-4	

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL - RADIOCHEMISTRY

Project: Lena Road Parcel 103

Pace Project No.: 35800855

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QC Batch: 593835

Analysis Method: SM 7110C-11

QC Batch Method: SM 7110C-11

Analysis Description: 7110C Gross Alpha

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 35800855003

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METHOD BLANK: 2886008

Matrix: Water

Associated Lab Samples: 35800855003

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Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	0.338 ± 0.846 (2.03) C:NA T:NA	pCi/L	06/13/23 08:34	

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 - RADIOCHEMISTRY

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 591020

Analysis Method: EPA 904.0

QC Batch Method: EPA 904.0

Analysis Description: 904.0 Radium 228

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

METHOD BLANK: 2872044

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.387 ± 0.299 (0.585) C:89% T:88%	pCi/L	06/09/23 17:39	

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 - RADIOCHEMISTRY

Project: Lena Road Parcel 103

Pace Project No.: 35800855

QC Batch: 593179

Analysis Method: EPA 900.0

QC Batch Method: EPA 900.0

Analysis Description: 900.0 Gross Alpha/Beta

Laboratory:

Pace Analytical Services - Greensburg

Associated Lab Samples: 35800855001, 35800855002, 35800855004, 35800855005

METHOD BLANK: 2882500

Matrix: Water

Associated Lab Samples: 35800855001, 35800855002, 35800855004, 35800855005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	-0.303 ± 0.373 (1.41) C:NA T:NA	pCi/L	06/12/23 09:50	

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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**Pace Analytical Services, LLC**  
110 South Bayview Blvd.  
Oldsmar , FL 34677  
(813)881-9401

## **QUALITY CONTROL - RADIOCHEMISTRY**

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

QC Batch:	591018	Analysis Method:	EPA 903.1
QC Batch Method:	EPA 903.1	Analysis Description:	903.1 Radium-226
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	35800855001, 35800855002, 35800855003, 35800855004, 35800855005		

METHOD BLANK: 2872043 Matrix: Water

**Associated Lab Samples:** 35800855001, 35800855002, 35800855003, 35800855004, 35800855005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.119 ± 0.271 (0.161) C:NA T:94%	pCi/L	06/14/23 15:10	

**Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.**

## **REPORT OF LABORATORY ANALYSIS**

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## QUALIFIERS

Project: Lena Road Parcel 103

Pace Project No.: 35800855

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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.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval).

Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

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.
- C2     Relative percent difference between results from each column was greater than 40%. The lower of the two results was reported.
- D3     Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- ED     Due to the extract's physical characteristics, the analysis was performed at dilution.
- J(HS)   Estimated Value. Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
- J(M1)   Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- J(S0)   Estimated Value. Surrogate recovery outside laboratory control limits.
- J(v2)   The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3)   The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

## REPORT OF LABORATORY ANALYSIS

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800855001	TMW-1	EPA 3510	919667	EPA 8081	921661
35800855002	TMW-3	EPA 3510	919667	EPA 8081	921661
35800855003	TMW-4	EPA 3510	919667	EPA 8081	921661
35800855004	SW-1	EPA 3510	919667	EPA 8081	921661
35800855005	SW-2	EPA 3510	919667	EPA 8081	921661
35800855001	TMW-1	EPA 3510	919608	FL-PRO	919701
35800855002	TMW-3	EPA 3510	919608	FL-PRO	919701
35800855003	TMW-4	EPA 3510	919608	FL-PRO	919701
35800855004	SW-1	EPA 3510	919608	FL-PRO	919701
35800855005	SW-2	EPA 3510	919608	FL-PRO	919701
35800855004	SW-1	EPA 200.7	919368	EPA 200.7	919489
35800855005	SW-2	EPA 200.7	919368	EPA 200.7	919489
35800855001	TMW-1	EPA 3010	919366	EPA 6010	919487
35800855002	TMW-3	EPA 3010	919366	EPA 6010	919487
35800855003	TMW-4	EPA 3010	919366	EPA 6010	919487
35800855004	SW-1	EPA 200.8	919369	EPA 200.8	919490
35800855005	SW-2	EPA 200.8	919369	EPA 200.8	919490
35800855001	TMW-1	EPA 3010	919367	EPA 6020	919488
35800855002	TMW-3	EPA 3010	919367	EPA 6020	919488
35800855003	TMW-4	EPA 3010	919367	EPA 6020	919488
35800855004	SW-1	EPA 245.1	920100	EPA 245.1	920746
35800855005	SW-2	EPA 245.1	920100	EPA 245.1	920746
35800855001	TMW-1	EPA 7470	919899	EPA 7470	919953
35800855002	TMW-3	EPA 7470	919899	EPA 7470	919953
35800855003	TMW-4	EPA 7470	919899	EPA 7470	919953
35800855001	TMW-1	EPA 3510	919650	EPA 8270 by SIM	920125
35800855002	TMW-3	EPA 3510	919650	EPA 8270 by SIM	920125
35800855003	TMW-4	EPA 3510	919650	EPA 8270 by SIM	920125
35800855004	SW-1	EPA 3510	919650	EPA 8270 by SIM	920125
35800855005	SW-2	EPA 3510	919650	EPA 8270 by SIM	920125
35800855001	TMW-1	EPA 8260	919627		
35800855002	TMW-3	EPA 8260	919627		
35800855003	TMW-4	EPA 8260	919627		
35800855004	SW-1	EPA 8260	919627		
35800855005	SW-2	EPA 8260	919627		
35800855003	TMW-4	SM 7110C-11	593835		
35800855001	TMW-1	EPA 900.0	593179		
35800855002	TMW-3	EPA 900.0	593179		
35800855004	SW-1	EPA 900.0	593179		
35800855005	SW-2	EPA 900.0	593179		
35800855001	TMW-1	EPA 903.1	591018		
35800855002	TMW-3	EPA 903.1	591018		
35800855003	TMW-4	EPA 903.1	591018		

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lena Road Parcel 103  
Pace Project No.: 35800855

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35800855004	<b>SW-1</b>	EPA 903.1	591018		
35800855005	<b>SW-2</b>	EPA 903.1	591018		
35800855001	<b>TMW-1</b>	EPA 904.0	591020		
35800855002	<b>TMW-3</b>	EPA 904.0	591020		
35800855003	<b>TMW-4</b>	EPA 904.0	591020		
35800855004	<b>SW-1</b>	EPA 904.0	591020		
35800855005	<b>SW-2</b>	EPA 904.0	591020		
35800855001	<b>TMW-1</b>	Total Radium Calculation	594982		
35800855002	<b>TMW-3</b>	Total Radium Calculation	594982		
35800855003	<b>TMW-4</b>	Total Radium Calculation	594982		
35800855004	<b>SW-1</b>	Total Radium Calculation	594982		
35800855005	<b>SW-2</b>	Total Radium Calculation	594982		
35800855001	<b>TMW-1</b>	SM 2540C	920425		
35800855002	<b>TMW-3</b>	SM 2540C	920238		
35800855003	<b>TMW-4</b>	SM 2540C	920425		
35800855004	<b>SW-1</b>	SM 2540C	920425		
35800855005	<b>SW-2</b>	SM 2540C	920427		

### REPORT OF LABORATORY ANALYSIS

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Pace

Project #  
Project Manager:  
Client:

Sample Condition Upon Receipt Form (SCUR)

WO# : 35800855

PM: LAP Due Date: 05/26/23  
CLIENT: 37-KIHOTA

Thermometer Used: T-414

Date: 5/19/23

Time: 2148

Date and Initials of person:

Examining contents: CPI

Label:

Deliver:

pH: CPI

Initials: CPI

State of Origin:

For WV projects, all containers verified to ≤ 6 °C

Cooler #1 Temp. °C 0.9 (Visual) -0.1 (Correction Factor) 0.8 (Actual)

Samples on ice, cooling process has begun.

Cooler #2 Temp. °C 1.2 (Visual) (Correction Factor) 1.1 (Actual)

Samples on ice, cooling process has begun.

Cooler #3 Temp. °C 0.5 (Visual) (Correction Factor) 0.4 (Actual)

Samples on ice, cooling process has begun.

Cooler #4 Temp. °C (Visual) (Correction Factor) (Actual)

Samples on ice, cooling process has begun.

Cooler #5 Temp. °C (Visual) (Correction Factor) (Actual)

Samples on ice, cooling process has begun.

Cooler #6 Temp. °C (Visual) (Correction Factor) (Actual)

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   Relinquished From Pace: <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		
Relinquished To Pace:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A   Sampling Date(s): <input checked="" 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 type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information	
All containers needing preservation are found to be in compliance with EPA recommendation:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Preservative: HNO3 Lot / Trace: 311526 Amount added (mL): 2/1ml	Date: 5/20/23 Time: 0400 Initials: CPI
Headspace in Volatile Vials? (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3/3 vials per sample SW-1	
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		

Comments / Resolutions (use back for additional comments):

2/4 For Tmwh arrived ooph

2ml for 1, 1ml for the other

1/3 SW-1 vials arrived cracked on bottom

*Pace*

Date and Initials of person:

Examining contents: \_\_\_\_\_

Label: \_\_\_\_\_

Deliver: \_\_\_\_\_

pH: \_\_\_\_\_

*DS*

Project #  
 Project Manager:  
 Client:

Sample Condition Upon Receipt Form (SCUR)

WO# : 35800855

PM: LAP Due Date: 05/26/23  
 CLIENT: 37-KIHOTA

Thermometer Used: T-202

Date: 5-19-23

Time: 1204

State of Origin: FL

For WV projects, all containers verified to ≤6 °C

Cooler #1 Temp. °C 41 (Visual) +0.2 (Correction Factor) 43 (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.

Courier:  FedEx  UPS  USPS  Client  Commercial  Pace  Other: \_\_\_\_\_

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

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 type="checkbox"/> Yes <input type="checkbox"/> No   Filled Out: <input type="checkbox"/> Yes <input 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 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 type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Rush Turnaround Requested on COC.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Sufficient Volume.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Correct Containers Used.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Containers Intact.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Sample Labels Match COC (Sample ID, Date/Time of Collection).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All containers needing acid / base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
All containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	<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
Preservation Information	
Preservative: _____	
Lot / Trace: _____	
Amount added (mL): _____	
Initials: _____	

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