



ENVIRONMENTAL SOIL AND WATER QUALITY ASSESSMENT TMV, INC. - WATERSIDE PROJECT

CHARLOTTE COUNTY, FLORIDA



PREPARED BY

RESPEC
6561 Palmer Park Circle, Suite D
Sarasota, Florida 34238

PREPARED FOR

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REVISED

JULY 15, 2026

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1.0 INTRODUCTION

Surface water and soil samples were collected by Southwest Engineering & Design (SED) in 2022, 2023, and 2025 at the Waterside Project, as shown on **Figure 1**. The analytical results were reviewed by RESPEC Company, LLC (RESPEC) to evaluate whether soils or shallow groundwater within the Surficial Aquifer System have been affected by historical agricultural activities, including former citrus cultivation, or by other onsite land uses. The 2025 analytical results were also compared with data collected during previous sampling events to evaluate temporal trends and identify any significant changes in groundwater and surface water quality.

Groundwater samples were collected from a monitoring well located north of and hydraulically downgradient from the Waterside Project, as shown on **Figure 1**. Because the regional groundwater flow gradient is to the north, this monitoring location was evaluated to determine whether groundwater quality exhibited evidence of constituents attributable to historical onsite activities. Because MW-1 is located north of and hydraulically downgradient from the project area, it provides an appropriate location to evaluate whether historical site activities have affected groundwater quality.

2.0 EVALUATION TESTING RESULTS

2.1 WATER QUALITY SUMMARY

Laboratory testing included nitrogen as nitrate and nitrite, chloride, sulfate, total dissolved solids (TDS), field parameters, iron, uranium, gross alpha activity, and radium isotopes. Historical analytical results for the 2022 sampling event are provided for comparison as **Attachment A**, and 2025 analytical results are discussed below and provided as **Attachment B**. Overall, the analytical results indicate generally stable groundwater and surface water quality conditions characterized by low nutrient concentrations and neutral pH.

Nitrate concentrations ranged from 0.02 to 0.06 milligrams per liter (mg/L), while nitrite was not detected in any of the 2025 samples. Measured pH values ranged from 7.29 to 7.89 standard units, indicating near-neutral conditions. Chloride concentrations ranged from 22.8 mg/L in the North Irrigation Ditch to 178 mg/L in monitoring well MW-1. Sulfate concentrations were either below laboratory reporting limits or present at relatively low concentrations, with a maximum detected concentration of 15.7 mg/L in monitoring well MW-1. TDS ranged from 290 to 690 mg/L. The highest TDS value was measured in groundwater sample MW-1 (690 mg/L), while surface water concentrations ranged from 290 to 410 mg/L.

The TDS concentration in MW-1 exceeds the U.S. Environmental Protection Agency (EPA) Secondary Drinking Water Standard of 500 mg/L. Secondary drinking water standards are established for aesthetic characteristics, including taste, odor, and scaling potential, rather than for protection of human health. Based on RESPEC's experience within the region, elevated TDS concentrations are relatively common in Southwest Florida groundwater, particularly in areas where deeper groundwater was historically used to supplement irrigation supplies, similar to what occurred onsite.

Iron concentrations varied considerably among sampling locations. Groundwater sample MW-1 presented an iron concentration of 10.9 mg/L, while concentrations in the North Irrigation Ditch and Hydraulic Barrier samples were 0.095 and 0.27 mg/L, respectively. The iron concentration measured in

MW-1 exceeds the EPA Secondary Drinking Water Standard of 0.3 mg/L. Elevated iron concentrations are common in Southwest Florida groundwater and are typically associated with naturally occurring geochemical conditions, often associated with carbonate substrate or shell deposits. Elevated iron may contribute to staining, color, taste, and turbidity but is generally considered an aesthetic rather than a health concern.

2.1.1 TURBIDITY

Field measurements from the 2025 sampling event indicated elevated turbidity in MW-1 (982 Nephelometric Turbidity Units [NTUs]) and moderate turbidity in the Hydraulic Barrier sample (95.9 NTUs). The North Irrigation Ditch exhibited relatively low turbidity (4.91 NTUs).

Field observations indicate that turbidity in MW-1 remained elevated despite well purging and was considered representative of ambient groundwater conditions. The elevated iron concentration measured in MW-1 is likely a contributing factor to the observed turbidity.

2.1.2 RADIOLOGICAL PARAMETERS

Historical groundwater sampling conducted in 2022 reported the following concentrations in MW-1:

- / Gross Alpha Activity: 23.3 picoCuries per liter (pCi/L)
- / Radium-226: 2.75 pCi/L
- / Radium-228: Non-detect (<0.804 pCi/L)
- / Uranium: 6.6 µg/L

Groundwater sampling conducted in 2025 reported:

- / Gross Alpha Activity: 36.9 pCi/L
- / Radium-226: 7.20 pCi/L
- / Radium-228: 0.792 pCi/L
- / Total Uranium: 26.4 µg/L

The combined Radium-226 and Radium-228 concentration in MW-1 is approximately 8.0 pCi/L, exceeding the federal Maximum Contaminant Level (MCL) of 5 pCi/L for drinking water. Gross alpha activity also exceeds the federal MCL of 15 pCi/L. Total uranium was measured at 26.4 µg/L, which remains below the federal MCL of 30 µg/L, although it represents an increase compared to historical results.

Elevated radionuclide concentrations are documented in portions of Southwest Florida and are commonly associated with naturally occurring phosphate-bearing sediments and phosphatic shell deposits within the Hawthorn Group and related reworked surficial sediments. These geologic materials may contain naturally occurring radium and uranium isotopes that can dissolve into groundwater under ambient geochemical conditions. Consequently, elevated gross alpha activity, radium, and uranium have been reported in groundwater throughout portions of the region independent of anthropogenic sources.

Monitoring well MW-1 is located north of and hydraulically downgradient from the project site. Although radionuclide concentrations exceed certain federal drinking water standards, the analytical results do not indicate a release associated with historical agricultural activities or other known onsite land uses. Citrus cultivation and associated agricultural practices are not recognized sources of radium or uranium

isotopes in groundwater. Rather, the occurrence and magnitude of the detected radionuclides are consistent with naturally occurring geologic conditions and groundwater geochemistry characteristic of Southwest Florida.

2.2 GEOLOGIC AND HYDROGEOLOGIC SETTING

A review of the on-site project geotechnical investigation indicates the site is underlain predominantly by unconsolidated Quaternary-age fine sands with localized silty and clayey sands. These materials comprise the Surficial Aquifer System, which is the shallow unconfined aquifer throughout much of Charlotte County. The sandy deposits are moderately permeable and are hydraulically connected to local recharge and nearby surface-water features. Localized silty and clayey horizons provide minor vertical heterogeneity but are not regionally continuous confining units.

Beneath the surficial sands, the regional hydrogeologic framework transitions into the Intermediate Aquifer System, consisting of Hawthorn Group sediments containing phosphatic sands, clays, shell material, and carbonate deposits. Naturally occurring radionuclides, including uranium and radium isotopes, are commonly associated with these phosphate-bearing geologic materials and may dissolve into groundwater under ambient geochemical conditions.

The monitoring well discussed herein is screened from approximately 35 feet to 40 feet below land surface (bls), within the saturated portion of the Surficial Aquifer System. Consequently, the reported radionuclide concentrations represent groundwater quality within the screened interval and do not represent concentrations within shallow surficial soils that will be excavated to approximately 13 feet bls as part of the project.

As shown in **Figure 2**, the proposed project excavation extends to a maximum depth of approximately 13 feet bls, which is more than 20 feet above the screened interval of monitoring well MW-1. Therefore, construction activities will not intercept the groundwater interval from which the radionuclide samples were collected. The excavated materials will consist of shallow surficial sands that are stratigraphically and hydraulically separated from the groundwater sampled within MW-1. As a result, the radionuclide concentrations measured in groundwater from MW-1 should not be interpreted as representative of soils that will be excavated during project construction.

2.2.1 RELATIONSHIP BETWEEN GROUNDWATER RADIONUCLIDES AND PROPOSED EXCAVATION

Concerns have been expressed that naturally occurring radionuclides identified in groundwater from monitoring well MW-1 could become exposed during site excavation and generate airborne dust. Based on the available geotechnical and hydrogeologic data, this concern is not supported.

The radionuclides reported in MW-1 were measured in groundwater, not in soil. Groundwater samples were collected from monitoring well that has a screened interval between 35 feet and 40 feet bls (see completion report included as **Attachment C**), representing groundwater within the saturated portion of the Surficial Aquifer System. The proposed excavation will extend to a maximum depth of approximately 13 feet bls, remaining more than 20 feet above the screened interval and well above the groundwater zone that was sampled.

Throughout Southwest Florida, naturally occurring radionuclides are commonly dissolved in groundwater through long-term interaction between groundwater and naturally occurring phosphate-bearing sediments, carbonate minerals, and trace uranium- and radium-bearing geologic materials. Their presence in groundwater is therefore controlled by natural geochemical processes, including mineral

dissolution, groundwater residence time, pH, and oxidation-reduction conditions, rather than by disturbance of shallow surficial soils.

The on-site geotechnical borings indicate that excavation will occur entirely within unconsolidated surficial sands that comprise the upper portion of the Surficial Aquifer System. These sandy deposits are stratigraphically distinct from the deeper groundwater interval sampled by MW-1 and are separated from the monitoring well screen by more than 20 feet of unsaturated sediments and groundwater. Consequently, the groundwater analytical results cannot be used to infer that the shallow excavation materials contain elevated radionuclide concentrations.

Furthermore, no soil analytical data collected during this investigation identified contamination or elevated radionuclide concentrations within the shallow soils proposed for excavation. The available analytical results demonstrate that the radionuclides of concern were identified only in groundwater samples collected from the deeper screened interval of MW-1. Accordingly, there is no technical basis to conclude that excavation of surficial soils to a depth of approximately 13 feet bls would expose radionuclide-bearing soils capable of generating airborne dust or creating a radiological exposure pathway for construction workers or adjacent properties.

2.3 SOIL QUALITY SUMMARY

Two soil samples collected on October 5, 2023, were analyzed for metals, mercury, organochlorine pesticides, petroleum range organics (PROs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total organic carbon (TOC), and moisture content. Soil analytical results are provided as **Attachment D**.

Analytical results indicate that soil quality within the sampled areas is generally representative of naturally occurring conditions. No pesticides, petroleum hydrocarbons, VOCs, or SVOCs were detected above laboratory reporting limits. The analytical results do not indicate the presence of anthropogenic contamination.

Metals were detected at relatively low concentrations consistent with naturally occurring background conditions. Sample 2310221-001 contained trace concentrations of arsenic, cadmium, copper, and selenium, along with barium (5.6 milligrams per kilogram [mg/kg]), chromium (6.9 mg/kg), and lead (1.9 mg/kg). Mercury was detected at 0.013 mg/kg.

Sample 2310221-002 exhibited similarly low metal concentrations, including barium at 1.5 mg/kg and lead at 0.65 mg/kg. Mercury was not detected above the laboratory reporting limit. PROs were not detected in either soil sample, and all analyzed organochlorine pesticides were reported as non-detect. Total Organic Carbon in Sample 2310221-001 measured 1,920 mg/kg (0.19%), indicating relatively low organic content within the sampled soil. Moisture content was measured at 24.2%.

3.0 CONCLUSIONS

The analytical results indicate that surface water and soil quality within the project area and groundwater quality adjacent to the project area are generally stable and representative of naturally occurring environmental conditions.

Soil analytical results did not identify concentrations of metals, pesticides, petroleum hydrocarbons, VOCs, or SVOCs indicative of releases associated with historical agricultural operations or other

anthropogenic sources. Detected metals are present at concentrations consistent with naturally occurring background conditions and are not expected to exceed applicable Florida Soil Cleanup Target Levels.

Groundwater and surface water analytical results indicate low nutrient concentrations, neutral pH, and generally acceptable chemical characteristics. Monitoring well MW-1, located north of the Waterside Project, exhibited elevated total dissolved solids, iron, turbidity, gross alpha activity, and combined radium concentrations relative to federal drinking water standards. The elevated TDS and iron concentrations exceed EPA Secondary Drinking Water Standards, which address aesthetic water quality characteristics. Gross alpha activity and combined radium concentrations exceed applicable federal drinking water MCLs; however, these constituents are interpreted to reflect naturally occurring geochemical and geologic conditions common within Southwest Florida, including phosphate-bearing sediments and mineralized groundwater, rather than impacts associated with historical agricultural land use.

Based on the available analytical data, there is no evidence that historical citrus cultivation or other known onsite activities have resulted in significant impacts to soil, shallow groundwater, or surface water quality within the project area. Soil analytical results do not indicate the presence of pesticides, petroleum hydrocarbons, VOCs, SVOCs, or metals at concentrations indicative of anthropogenic releases.

Although groundwater collected from monitoring well MW-1 contains elevated gross alpha activity and combined radium concentrations relative to federal drinking water standards, these constituents are interpreted to represent naturally occurring groundwater quality associated with regional phosphate-bearing geologic materials rather than impacts originating from the project site. The monitoring well is located downgradient of the property; however, the detected radionuclides are constituents that occur naturally within regional geologic formations and are not characteristic of releases associated with historical citrus production or other documented onsite activities. Accordingly, the available data do not support the interpretation that the measured radionuclide concentrations are attributable to onsite operations.

The available geotechnical information further demonstrates that the proposed excavation will remain within shallow surficial sandy deposits extending to approximately 13 feet bls. Monitoring well MW-1, where elevated radionuclide concentrations were measured, is screened between approximately 35 feet and 40 feet bls and samples groundwater from a substantially deeper interval than the proposed excavation. No analytical data indicate elevated radionuclide concentrations within shallow soils, and available soil sampling identified no evidence of contamination associated with historical agricultural activities or other anthropogenic sources. Accordingly, the available data do not support the conclusion that project excavation would expose radionuclide-bearing soils capable of generating airborne dust or creating a radiological exposure pathway during construction.

Figures

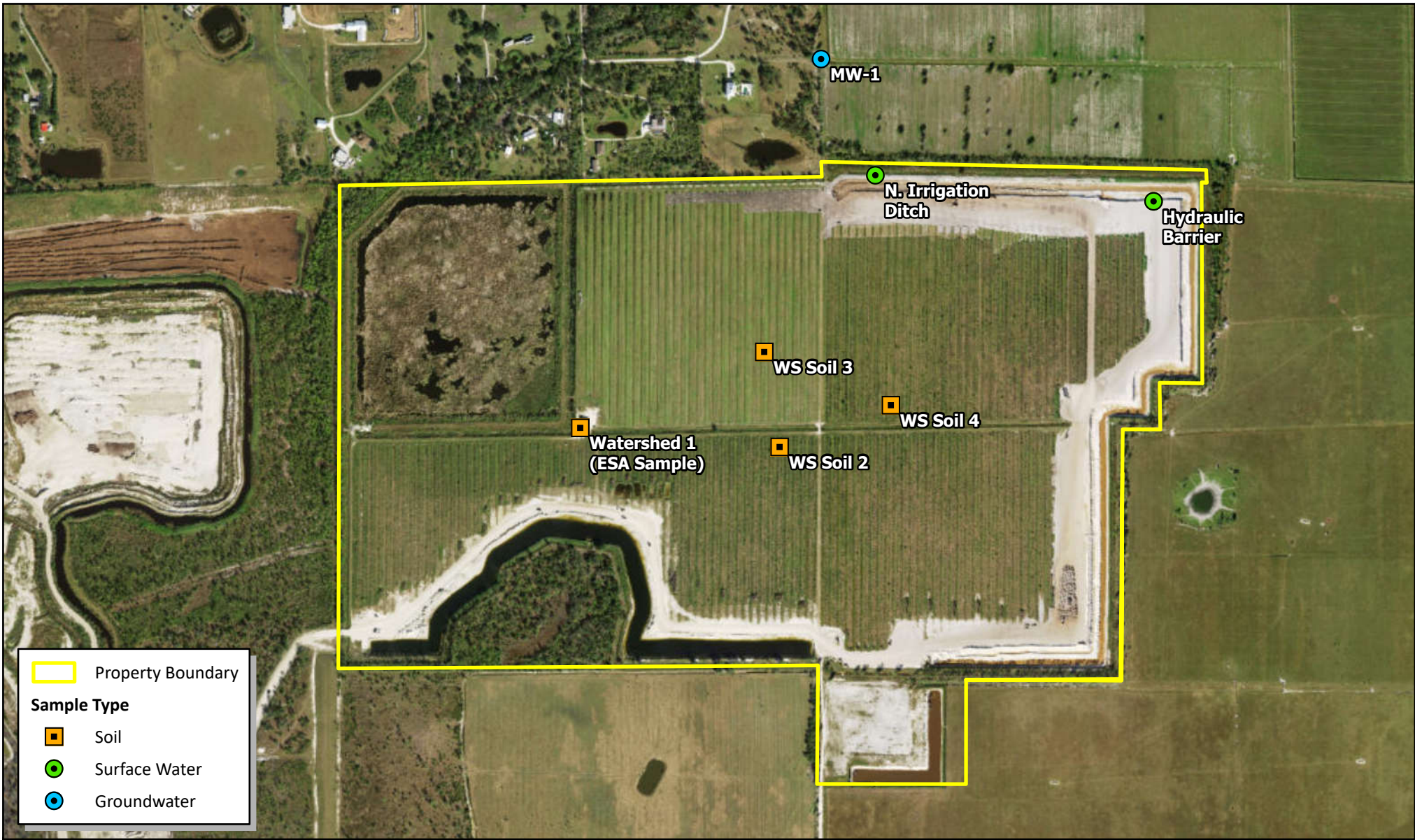
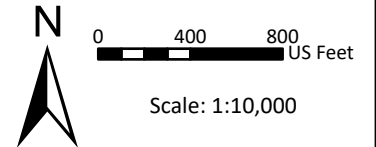


Figure 1
Waterside Restoration Water Quality and Soil Sampling Locations
Charlotte County, Florida

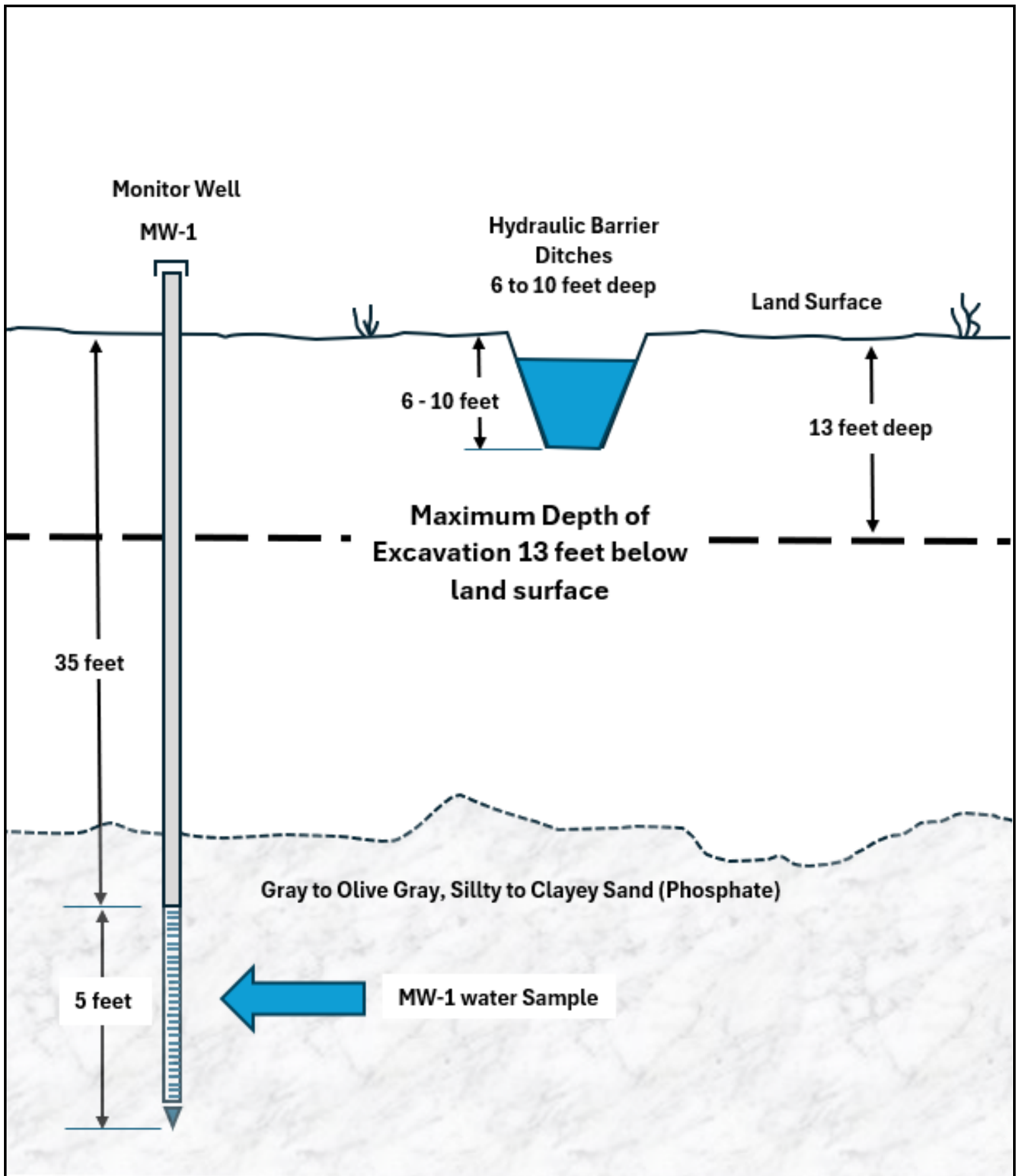


RESPEC Company, LLC has provided the images or data presented in this map for informational purposes only. This data is not intended to be used in lieu of official survey data provided by a Professional Surveyor licensed by the State of Florida

7/8/2026

Image: Esri





RESPEC Company, LLC has provided the images or data presented in this map for informational purposes only. This data is not intended to be used in lieu of official survey data provided by a Professional Surveyor licensed by the State of Florida.

Figure 2
Excavation and Monitoring Cross
Section



2022 Groundwater Analytical Results

Attachment A





*Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net*

January 09, 2023

Kari Laroche
Southwest Engineering & Design
25450 Airport Road; Suite B
Punta Gorda, FL 33950
TEL: 941-637-9655
FAX:

RE: SW Eng - Waterside

Order No.: 2212615

Dear Kari Laroche:

Sanders Laboratories, Inc received 1 sample(s) on 12/14/2022 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of \$50.00. Copies will be provided within 2 weeks of the time of the request.
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.
SL 001= Nokomis Certificate # E84380 1050 Endeavor Court Nokomis Fl 34275. SL002= Fort Myers Certificate # E85457 10090 Bavaria Road Fort Myers Fl 33913

A statement of estimated uncertainty of results is available upon request.
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.
Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

A handwritten signature in blue ink, appearing to read "Katie", on a light blue background.

Katie Strothman
Laboratory Director



*Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net*

Definition Only

WO#: 2212615
Date: 1/9/2023

Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples. Also if the RPD on a field duplicate exceeds allowable control limit.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value. Lab QC not in range.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: Too many colonies were present for accurate counting.

Original



Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Analytical Report

(continuous)

WO#: 2212615

Date Reported: 1/9/2023

CLIENT: Southwest Engineering & Design
Project: SW Eng - Waterside

Lab Order: 2212615

Lab ID: 2212615-001

Collection Date: 12/14/2022 10:21:00 AM

Client Sample ID: Waterside Restoration

Matrix: GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
NITROGEN, NITRATE + NITRITE				E353.2		Analyst: GC Labcode SL001	
Nitrogen, Nitrate	0.03	0.01	0.04		mg/L	1	12/20/2022 9:25
NITROGEN, NITRITE				A4500-NO2-B		Analyst: TM Labcode SL002	
Nitrogen, Nitrite	0.0200	0.0100	0.0400		mg/L	1	12/15/2022 14:30
CHLORIDE				A4500-CL-E		Analyst: EH Labcode SL001	
Chloride	52.2	2.00	8.00		mg/L	1	12/19/2022 14:46
SULFATE				ASTM-D516-90		Analyst: EH Labcode SL001	
Sulfate	ND	2.00	8.00		mg/L	1	12/19/2022 14:46
TOTAL DISSOLVED SOLIDS				A2540C		Analyst: LG Labcode SL002	
Total Dissolved Solids (Residue, Filterable)	260	20	20		mg/L	1	12/14/2022 16:50
FIELD PARAMETERS				FLD		Analyst: Labcode SL002	
Conductivity, EPA 120.1	76.4	1.0	1.0		umhos/cm		
Dissolved Oxygen, EPA 360.1	2.78	0.10	0.10		mg/L		
pH, EPA 150.1	7.28	0.01	0.01		S.U.		
Temperature, EPA 170.1	24.4	0.1	0.1		deg C		
Turbidity, EPA 180.1	11.9	0.01	0.01		NTU		
Water Level	7.0	0.01	0.01		feet		

Qualifiers:	C	Value is below Minimum Compound Limit.	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	O	RSD is greater than RSDlimit	PL	Permit Limit
	Q	Calculated Lab Limit greater than Client Requested limit	R	RPD outside accepted recovery limits
	RL	Reporting Detection Limit	U	Samples with CalcVal < MDL

Original
Page 3 of 22

DEP Form FD 9000-24:
SAMPLING LOG

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		PURGING INITIATED AT: 10415		PURGING ENDED AT: 1021		TOTAL VOLUME PURGED (gallons): 18.2			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH EPA 150.1 (standard units)	TEMP. EPA 170.1 (°C)	COND. EPA 120.1 (circle units) umho/cm or SAL ppt	DISSOLVED OXYGEN EPA 360.1 mg/L	TURBIDITY EPA 180.1 (NTUs)	COLOR (describe)	ODOR (describe)
Equipment Serial Numbers											
				6240	20A100 132	20A100 132	20A10013 2	20A100132	18051784		
					DUP		Blank:		Blank:		
							Dup:		Dup:		
0957	6.0	6.0	1/2	8.3	7.13	24.2	484.2	2.62	9.05	cloudy	sub
1009		12.0		9.1	7.21	24.4	497.9	2.79	11.2		
1021		18.0		9.3	7.28		476.4	2.78	11.9		
1033											

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 = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION:			SAMPLER(S) SIGNATURE(S):		SAMPLING INITIATED AT:		SAMPLING ENDED AT:		
PUMP OR TUBING DEPTH IN WELL (feet):			TUBING MATERIAL CODE: HDPE		FIELD-FILTERED: Y N X		FILTER SIZE: ____ µm		
FIELD DECONTAMINATION:			PUMP		TUBING		DUPLICATE: Y N		
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
70	2	HDPE	2L	HW03					
803800	3		200mL	ICC					
200008	1		1	HW03					

REMARKS:	KEEPS PURGING DRY.
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 = Baller; BP = Bladder Pump; ESP = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

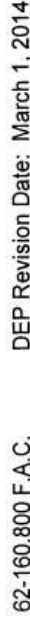
Peristaltic Pump Geotech S/N: 4116 Submersible Pump S/N: 016549 Chlorine Meter : S/N: 1222013

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

pH: ± 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) Turbidity: all readings ≤ 20 NTU; optionally $+ 5$ NTU or $+ 10\%$ (whichever is greater) Total Solids: all readings ≤ 200 mg/l; optionally $+ 0.2$ mg/l or $+ 10\%$ (whichever is greater)

Sandex Laboratories, Inc. North
 1050 Endeavor Ct
 Nokomis, FI
 941-234-1000
 FDOH #E84380

Sanders Laboratories Inc, South
 10090 Bavaria Rd
 Fort Myers, FI
 239-590-0337
 FDOH #E84380



Form #: FF-04 Approved by: KS 7/11/2018

January 09, 2023

Tami Bright
Sanders Laboratories, Inc.
1050 Endeavor Court
Nokomis, FL 34275

RE: Project: 2212615
Pace Project No.: 35767431

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on December 15, 2022. 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,



Brad Smith
brad.smith@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

cc: Katie Strothman, Sanders
Katie Strothman, Sanders Laboratories, Inc.



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 2212615
Pace Project No.: 35767431

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
Guam Certification
Florida: Cert E871149 SEKS WET
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

Pace Analytical Services Ormond Beach

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

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

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2212615

Pace Project No.: 35767431

Pace Analytical Services Ormond Beach

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2212615

Pace Project No.: 35767431

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35767431001	2212615-001	Water	12/14/22 10:21	12/15/22 10:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2212615
Pace Project No.: 35767431

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35767431001	2212615-001	EPA 200.7	TMA	1	PASI-O
		EPA 200.8	EAP	1	PASI-O
		EPA 900.0	SVM	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA

PASI-O = Pace Analytical Services - Ormond Beach
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2212615
Pace Project No.: 35767431

Sample: 2212615-001		Lab ID: 35767431001		Collected: 12/14/22 10:21		Received: 12/15/22 10:40		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP									
Analytical Method: EPA 200.7 Preparation Method: EPA 200.7									
Pace Analytical Services - Ormond Beach									
Iron	1.9	mg/L	0.040	0.025	1	12/19/22 07:34	12/19/22 16:41	7439-89-6	
200.8 MET ICPMS									
Analytical Method: EPA 200.8 Preparation Method: EPA 200.8									
Pace Analytical Services - Ormond Beach									
Uranium	0.0066	mg/L	0.0010	0.00022	1	12/20/22 05:01	12/22/22 10:44	7440-61-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2212615
Pace Project No.: 35767431

QC Batch:	880485	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: 35767431001

METHOD BLANK: 4845522 Matrix: Water

Associated Lab Samples: 35767431001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	mg/L	0.025 U	0.040	0.025	12/19/22 16:22	

LABORATORY CONTROL SAMPLE: 4845523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	2.5	2.5	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4845524 4845525

Parameter	Units	20264290001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.27	2.5	2.5	2.8	2.8	101	102	70-130	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4845526 4845527

Parameter	Units	92641743001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	317 ug/L	2.5	2.5	2.9	2.9	105	103	70-130	1	20	

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

REPORT OF LABORATORY ANALYSIS

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Page 13 of 22

QUALITY CONTROL DATA

Project: 2212615
Pace Project No.: 35767431

QC Batch:	880714	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: 35767431001

METHOD BLANK: 4847073 Matrix: Water

Associated Lab Samples: 35767431001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Uranium	mg/L	0.00022 U	0.0010	0.00022	12/22/22 09:07	

LABORATORY CONTROL SAMPLE: 4847074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Uranium	mg/L	0.05	0.052	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4847075 4847076

Parameter	Units	35766946002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium	mg/L	0.97 I ug/L	0.05	0.05	0.053	0.054	105	105	70-130	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4847077 4847078

Parameter	Units	35767752001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Uranium	mg/L	0.22 U ug/L	0.05	0.05	0.057	0.056	114	113	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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Page 14 of 22

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2212615

Pace Project No.: 35767431

Sample: 2212615-001		Lab ID: 35767431001	Collected: 12/14/22 10:21	Received: 12/15/22 10:40	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Gross Alpha	Pace Analytical Services - Greensburg						
	EPA 900.0	23.3 ± 6.00 (2.68) C:NA T:NA		pCi/L	01/04/23 08:39	12587-46-1	
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	2.75 ± 0.918 (0.718) C:NA T:92%		pCi/L	01/05/23 16:24	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.804U ± 0.405 (0.804) C:82% T:73%		pCi/L	01/05/23 14:55	15262-20-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2212615
Pace Project No.: 35767431

QC Batch: 556154	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: 35767431001

METHOD BLANK: 2702084 Matrix: Water

Associated Lab Samples: 35767431001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0655 ± 0.299 (0.608) C:NA T:67%	pCi/L	01/05/23 16:11	

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 - RADIOCHEMISTRY

Project: 2212615
Pace Project No.: 35767431

QC Batch:	556155	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:	35767431001		
METHOD BLANK:	2702085	Matrix:	Water
Associated Lab Samples:	35767431001		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.420 ± 0.385 (0.781) C:87% T:70%	pCi/L	01/05/23 14:54	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2212615
Pace Project No.: 35767431

QC Batch:	556943	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:	35767431001		
METHOD BLANK:	2705329	Matrix:	Water
Associated Lab Samples:	35767431001		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	-0.643 ± 0.439 (1.90) C:NA T:NA	pCi/L	01/03/23 09:33	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2212615
Pace Project No.: 35767431

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2212615

Pace Project No.: 35767431

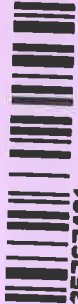
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35767431001	2212615-001	EPA 200.7	880485	EPA 200.7	880558
35767431001	2212615-001	EPA 200.8	880714	EPA 200.8	880783
35767431001	2212615-001	EPA 900.0	556943		
35767431001	2212615-001	EPA 903.1	556154		
35767431001	2212615-001	EPA 904.0	556155		

REPORT OF LABORATORY ANALYSIS

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WO#: 35767431



35767431

CHAIN OF CUSTODY RECORD

Omega COCID 21101

PAGE: 1

OF: 1

ADDRESS

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337
FAX: (239) 590-0536
Website: www.sanderslabs.net

SUB CONTRACTOR: Pace		COMPANY: Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:			
ADDRESS: 8 East Tower Circle							
CITY, STATE, ZIP: Ormond Beach, FL 32174							
PHONE: (386) 676-4837		FAX: (386) 673-4001		EMAIL:			
ACCOUNT #:							
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
1	2212615-001D See Attached	Waterside Restorati	250 P HNO3	Ground Water	12/14/2022 10:21:00 AM	1	GW - 200.7 Fe w/ HNO3
2	2212615-001E See Attached	Waterside Restorati	1L P HNO3	Ground Water	12/14/2022 10:21:00 AM	1	GW - Gross Alpha , Uranium w/ HNO3
3	2212615-001F See Attached	Waterside Restorati	2L P HNO3	Ground Water	12/14/2022 10:21:00 AM	1	GW- Radium 226 / 228 w/ HNO3

Page 15 of 16

Relinquished By: <i>[Signature]</i>	Date: 12/14	Time: 10:40	Received By: <i>[Signature]</i>	Date: 12/15/22	Time: 10:40	REPORT TRANSMITTAL DESIRED: ☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Temp of samples 17 °C Attempt to Cool ?	
TAT: Standard ☐ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐						Comments:	
Note: RUSH requests will incur surcharges!							

Pace

WO#: 35767431

1 (SCUR)

Project PM: BTS Due Date: 01/03/23
Project Manager CLIENT: SANLAB
Client

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

Thermometer Used: T-394

Date: 12/15/22

Time: 1152

Initials: KAS

State of Origin:

☐ For WV projects, all containers verified to $\pm 6^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 1.4 (Visual) ± 0.3 (Correction Factor) 1.7 (Actual)

Cooler #2 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #3 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #4 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #5 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #6 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Recheck for OOT $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual) Time: Initials:

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☒ Standard Overnight ☐ Ground ☐ International Priority

☐ Other

Billing: ☒ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☒ Unknown

Tracking # 8109 8758 6452

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Ice: Wet Blue Melted None

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

Comments:

Chain of Custody Present	☒ Yes ☐ No ☐ N/A	
Chain of Custody Filled Out	☒ Yes ☐ No ☐ N/A	
Relinquished Signature & Sampler Name COC	☒ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time	☒ Yes ☐ No ☐ N/A	
Rush TAT requested on COC	☐ Yes ☒ No ☐ N/A	
Sufficient Volume	☒ Yes ☐ No ☐ N/A	
Correct Containers Used	☐ Yes ☒ No ☐ N/A	Samples 2 & 3 in milk jugs
Containers Intact	☒ Yes ☐ No ☐ N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☐ Yes ☒ No ☐ N/A	No time on samples
All containers needing acid/base preservation have been checked.	☒ Yes ☐ No ☐ N/A	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes ☒ No ☐ N/A	Preservative: HNO_3
Exceptions: Vials, Microbiology, O&G, PFAS		Lot #/Trace #: 283989
		Date: 12-17-22 Time: 0352
		Initials: <i>[Signature]</i>
Headspace in VOA Vials? (>6mm):	☐ Yes ☐ No ☒ N/A	
Trip Blank Present:	☐ Yes ☐ No ☒ N/A	

Comments/ Resolution (use back for additional comments): 1 mL added to sample 3

2025 Groundwater and Surface Water Analytical Results

Attachment B





*Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net*

December 04, 2025

Southwest Engineering & Design
25450 Airport Road; Suite B
Punta Gorda, FL 33950
TEL: 941-637-9655
FAX:

RE: SW ENG - Misc Waterside

Order No.: 2511506

Dear :

Sanders Laboratories, Inc received 3 sample(s) on 11/14/2025 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of \$50.00. Copies will be provided within 2 weeks of the time of the request.
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.
SL 001= Nokomis Certificate # E84380 1050 Endeavor Court Nokomis Fl 34275. SL002= Fort Myers Certificate # E85457 10090 Bavaria Road Fort Myers Fl 33913

A statement of estimated uncertainty of results is available upon request.
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.

Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

A handwritten signature in blue ink, appearing to read "Katie", on a light blue background.

Katie Strothman
Laboratory Director



Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Definition Only

WO#: 2511506
Date: 12/4/2025

Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples. Also if the RPD on a field duplicate exceeds allowable control limit.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value. Lab QC not in range.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

S: Final DO reading is less than 1 mg/l and the difference between initial and final DO is not at least 2 mg/l or if seed dilutions have wide variance per mL seed (30%).

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: MF: Too many colonies were present for accurate counting. MPN: All wells were positive. Results maybe higher than reported.

Original



Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Analytical Report

(continuous)

WO#: 2511506

Date Reported: 12/4/2025

CLIENT: Southwest Engineering & Design
Project: SW ENG - Misc Waterside

Lab Order: 2511506

Lab ID: 2511506-001

Collection Date: 11/14/2025 1:20:00 PM

Client Sample ID: Site: MW-1

Matrix: GROUND WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
NITROGEN, NITRATE + NITRITE				EPA 353.2		Analyst: PS Labcode SL001	
Nitrogen, Nitrate	0.04	0.01	0.04		mg/L	1	11/17/2025 14:25
NITROGEN, NITRITE				SM4500NO2-B		Analyst: LG Labcode SL002	
Nitrogen, Nitrite	ND	0.0100	0.0400	U	mg/L	1	11/14/2025 17:21
CHLORIDE				SM4500CL- E		Analyst: EH Labcode SL001	
Chloride	178	2.00	8.00		mg/L	1	11/17/2025 12:08
SULFATE				ASTM-D516-90		Analyst: EH Labcode SL001	
Sulfate	15.7	3.00	12.0		mg/L	1	11/17/2025 12:17
TOTAL DISSOLVED SOLIDS				SM2540C		Analyst: TM Labcode SL002	
Total Dissolved Solids (Residue, Filterable)	690	20	20		mg/L	1	11/17/2025 9:08
FIELD PARAMETERS						Analyst: Labcode SL002	
Conductivity, EPA 120.1	450.1				umhos/cm		
Dissolved Oxygen, EPA 360.1	2.32				mg/L		
pH, EPA 150.1	7.29				S.U.		
Temperature, EPA 170.1	24.4				deg C		
Turbidity, EPA 180.1	982				NTU		
Water Level	7.9				feet		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode



Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Analytical Report

(continuous)

WO#: 2511506

Date Reported: 12/4/2025

CLIENT: Southwest Engineering & Design
Project: SW ENG - Misc Waterside

Lab Order: 2511506

Lab ID: 2511506-002

Collection Date: 11/14/2025 2:05:00 PM

Client Sample ID: Site: N. Irrigate Ditch

Matrix: SURFACE WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

NITROGEN, NITRATE + NITRITE

EPA 353.2

Analyst: **PS**
Labcode **SL001**

Nitrogen, Nitrate	0.06	0.01	0.04		mg/L	1	11/17/2025 14:25
-------------------	------	------	------	--	------	---	------------------

NITROGEN, NITRITE

SM4500NO2-B

Analyst: **LG**
Labcode **SL002**

Nitrogen, Nitrite	ND	0.0100	0.0400	U	mg/L	1	11/14/2025 17:21
-------------------	----	--------	--------	---	------	---	------------------

CHLORIDE

SM4500CL- E

Analyst: **EH**
Labcode **SL001**

Chloride	22.8	2.00	8.00		mg/L	1	11/17/2025 12:09
----------	------	------	------	--	------	---	------------------

SULFATE

ASTM-D516-90

Analyst: **EH**
Labcode **SL001**

Sulfate	ND	3.00	12.0	U	mg/L	1	11/17/2025 12:07
---------	----	------	------	---	------	---	------------------

TOTAL DISSOLVED SOLIDS

SM2540C

Analyst: **TM**
Labcode **SL002**

Total Dissolved Solids (Residue, Filterable)	290	20	20		mg/L	1	11/17/2025 9:08
---	-----	----	----	--	------	---	-----------------

FIELD PARAMETERS

Analyst:
Labcode **SL002**

Conductivity, EPA 120.1	1265				umhos/cm		
Dissolved Oxygen, EPA 360.1	4.79				mg/L		
pH, EPA 150.1	7.89				S.U.		
Temperature, EPA 170.1	23.4				deg C		
Turbidity, EPA 180.1	4.91				NTU		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode



Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Analytical Report

(continuous)

WO#: 2511506

Date Reported: 12/4/2025

CLIENT: Southwest Engineering & Design
Project: SW ENG - Misc Waterside

Lab Order: 2511506

Lab ID: 2511506-003

Collection Date: 11/14/2025 2:55:00 PM

Client Sample ID: Site: Hydrolic Barrier

Matrix: SURFACE WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	-----	------	-------	----	---------------

NITROGEN, NITRATE + NITRITE

EPA 353.2

Analyst: **PS**
Labcode **SL001**

Nitrogen, Nitrate	0.02	0.01	0.04	I	mg/L	1	11/17/2025 14:25
-------------------	------	------	------	---	------	---	------------------

NITROGEN, NITRITE

SM4500NO2-B

Analyst: **LG**
Labcode **SL002**

Nitrogen, Nitrite	ND	0.0100	0.0400	U	mg/L	1	11/14/2025 17:21
-------------------	----	--------	--------	---	------	---	------------------

CHLORIDE

SM4500CL- E

Analyst: **EH**
Labcode **SL001**

Chloride	106	2.00	8.00		mg/L	1	11/17/2025 12:10
----------	-----	------	------	--	------	---	------------------

SULFATE

ASTM-D516-90

Analyst: **EH**
Labcode **SL001**

Sulfate	13.0	3.00	12.0		mg/L	1	11/17/2025 12:07
---------	------	------	------	--	------	---	------------------

TOTAL DISSOLVED SOLIDS

SM2540C

Analyst: **TM**
Labcode **SL002**

Total Dissolved Solids (Residue, Filterable)	410	20	20		mg/L	1	11/17/2025 9:08
---	-----	----	----	--	------	---	-----------------

FIELD PARAMETERS

Analyst:
Labcode **SL002**

Conductivity, EPA 120.1	753				umhos/cm		
Dissolved Oxygen, EPA 360.1	5.95				mg/L		
pH, EPA 150.1	7.56				S.U.		
Temperature, EPA 170.1	25.7				deg C		
Turbidity, EPA 180.1	95.9				NTU		

Qualifiers:
H Holding times for preparation or analysis exceeded
PL Permit Limit
U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified at testcode







CHAIN OF CUSTODY RECORD

Workorder #
(Lab Use Only)

2511 506

Client SW Eng + Design
Address _____

Report To Email: _____

Bill to Email: _____

P.O. #: _____

Client ID: _____

Project Name: SW Eng

Project Location: Waterside

Permit #/PWS ID: _____

Requested Due Date: _____

Phone _____

Sampled By (PRINT) Taron Gormus

Sampler Signature _____

Sample Collection

Matrix	Sample Description	Date	Time	Type G=grab C=comp.	pH (Lab)	Bottle Type	Bottle Lot	Preserv	Chem ID	Chem E	# Bottles	TDS	Cl-504	NO3	NO2	Fe	Golf-Grain	Rock	Field	Sample ID #
SW	Hydraulic Barrier	11/4/25	14:55G			HDPE	SR92002		N/A	N/A	1	X							X	3A
							303502		N/A	N/A	1	X								B
							510609		N/A	N/A	1		X							C
					<2		510609		141200	9/3/25	1			X						D
					<2		070725		240726	11/2/25	1				X					E
					<2		0-HI-001		17423	11/4/25	1					X				F
					<2		0141000		17423	11/4/25	1						X			G

Kit Number

Comments:

Bottle Type Key Code		Preservative Key Code:	Okay to Run As Is...	Relinquished Signature & Affiliation	Date	Time	Accepted Signature	Date	Time
PL	HDPE	HCL = H, HNO3 = N, Na2S2O3 = ST or Thio H2SO4 = S, NaOH = SH, NH4Cl = AC, Ascorbic Acid = AA			11/4/25	17:05	TMA	11/4/25	17:15
UN	Unpreserved		Samples On Ice						
GA	Glass Amber		Yes No						
V	Vial	Infrared Therm Serial #: FM: E8082029773 NOK: DT-8806C							
Volume= 250,500, in mL 1L 2L		pH Paper Lot #: Range 0-3 = 216524 X 06/27 pH Paper Lot #: Range 0-13 = 229624 X 10/27	7.5						
Micro	F= Flip SC= Screw Cap		Temp. °C						

By signing the Chain of Custody, the client, acknowledges, and authorizes analysis of the parameters listed above.

Form #: RCF-02 Approved TM 11/12/2025

1050 Endeavor Ct, Nokomis, FL 34275 (941)488-8103 fax:(941)484-6774 E84380 10090 Bavaria Rd., Fort Myers, FL 33913 (239)590-0337 fax:(239)590-0536 E85457



Nokomis: 1050 Endeavor Court; Nokomis, FL Fort Myers: 10090 Bavaria RD. Fort Myers, FL
941-234-1000 E84380 33913 239-590-0337 E85457

Project Name: Sw Eng Waterside		Permit Number:	
Client ID:		LOCATION:	
Well Mw-1	Historical High Turbidity: N Low Recharge: N	Date	11/14/2025

PURGING DATA

WELL	TUBING	Historical Total Well Depth (used for calculation)	42.4	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE:PP
DIAMETER (inches):2	DIAMETER (inches): 1/4ID 3/8OD 0.0026	Verification of well depth	na	7.9	S/N 3976
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY					
42.4 well depth ft		7.9 Static depth		0.16 Capacity	5.52
				Well Volume	3 Well Volume
				16.56	
INITIAL PUMP OR TUBING DEPTH IN WELL (feet) 1 ft below water level:					
17		FINAL PUMP OR TUBING DEPTH IN WELL (feet) also sample depth unless otherwise noted:		17	PURGING INITIATED AT:
				12:20	PURGING ENDED AT:
				13:20	TOTAL VOLUME PURGED (gallons):
				30	

TIME		CUMUL. VOLUME PURGED	PURGE RATE (gpm)	DEPTH TO WATER	pH EPA 150.1 (standard units)	TEMP. EPA 170.1 (°C)	COND. EPA 120.1 (µmhos/cm)	DISSOLVED Oxygen EPA 360.1 (mg/L)	TURBIDITY EPA 180.1 (NTUs)	COLOR	ODOR
			Nokomis: 1050 Endeavor Court; Nokomis, FL 941-234-1000 E84380 denominator only	feet	0.2+/-	0.2+/-	5%+/-	0.2 +/- or 10% SC	<20 or +/-5 or 10% SC		
				SN:6602	YSI SN:21G103991				S/N: 20012585		
					DUP		Blank:		Blank:		
							Dup:				
12:32	6.00	6.00	0.5gpm	15.8	7.26	24.2	455.1	1.89	1060	cloudy	none
12:44	6.00	12.00	0.5	15.8	7.29	24.4	447.9	2.35	993	cloudy	none
12:56	6.00	18.00	0.5	15.8	7.29	24.4	446.7	2.39	1010	cloudy	none
13:08	6.00	24.00	0.5	15.8	7.29	24.2	445.6	2.23	940	cloudh	none
13:20	6.00	30.00	0.5	15.8	7.29	24.4	450.1	2.32	982	cloudy	none

SAMPLING DATA

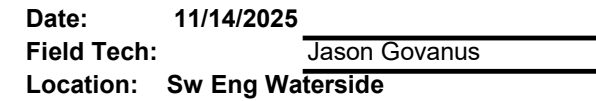
SAMPLED BY (PRINT) / AFFILIATION: Jason Govanus Sanders Laboratories		SAMPLER(S) SIGNATURE(S):		SAMPLING Start Time 13:20		Sampling End Time 13:25			
If 5 well volume description:		TUBING MATERIAL CODE: LDPE Lot #: 17 na		FIELD-FILTERED: Y N X pH Paper Lot #: 230320E 10/30/23					
FIELD DECONTAMINATION: PUMP Y X N		TUBING Y N X (replaced)		DUPLICATE: Y N x					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE (APP, ESP)	SAMPLE PUMP FLOW RATE
Bottle Lot #	Chemical ID and Exp Date	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH (only if preserved)			
8038006	N/A	HDPE	250	Un	N/A		IDS 01-804 no2	APP	See Purge Rate
5-106-019	1.41E+10	HDPE	250	h2so4	none added	<2	nox no3		
070728-2EIZ	24017806	HDPE	250	hno3	none added	<2	Fe		
0-141-001	1834	HDPE	2L	hno3	none added	<2	Rads Ga Uranium		
na	na								
na	na					na			

REMARKS: Sounded at end of sampling slowed purge rate checked turb meter dropped down extra foot Turb trending high 5 reads due to natural conditions ALL READINGS STABILIZED

MATERIAL/Preservation CODES: HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene GA= Glass Amber GV= Glass Vial (3) O = Other (Specify) UN= No preservative; HNO3= Nitric Acid; Thio= Sodium Thiosulfate; H2SO4= Sulfuric Acid. All samples on ICE unless otherwise noted

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump ESP: Submerible Pump

PURGING EQUIPMENT CODES: PP = Peristaltic Pump; O = Other (Specify) N/A = Not Applicable



Tests/Bottles/Preservatives:			Equipment Used: (circle)					Comments:
Lot #	Preservative	Dip Stick	1	Secchi	4999			
250P		Multi	Turb	Depth	Peri Pump	Sub Pump		
500 P		23J105333	20012585	6602	5105	OO2917		
1LP								
2LP								
Other								
Date Revised:5/19/2020 Form ID: FF-03 Approved by: KS								



December 04, 2025

Tami Bright
Sanders Laboratories, Inc.
10090 Bavaria Rd
Fort Myers, FL 33913

RE: Project: 2511506
Pace Project No.: 35998816

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2025. 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,

Brad Smith
brad.smith@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

cc: Katie Strothman, Sanders
Katie Strothman*, Sanders Laboratories, Inc.



REPORT OF LABORATORY ANALYSIS

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**CERTIFICATIONS**

Project: 2511506

Pace Project No.: 35998816

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

ANABISO/IEC 17025:2017 Rad Cert#: L24170

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 2950

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA010

Louisiana DEQ/TNI Certification #: 04086

Maine Certification #: 2023021

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 #: PA014572023-03

New Hampshire/TNI Certification #: 297622

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 #: PA200002-015

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: TN02867

Texas/TNI Certification #: T104704188-22-18

Utah/TNI Certification #: PA014572223-14

USDA Soil Permit #: 525-23-67-77263

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

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

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

Nevada Certification: FL NELAC Reciprocity

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

Utah FL NELAC Reciprocity

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CERTIFICATIONS

Project: 2511506
Pace Project No.: 35998816

Pace Analytical Services Ormond Beach

Utah
Virginia Environmental Certification #: 460165
Washington Certification #: C955

West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2511506

Pace Project No.: 35998816

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35998816001	2511506-001	Water	11/14/25 13:20	11/18/25 11:05
35998816002	2511506-002	Water	11/14/25 14:05	11/18/25 11:05
35998816003	2511506-003	Water	11/14/25 14:55	11/18/25 11:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2511506
Pace Project No.: 35998816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35998816001	2511506-001	EPA 200.7	AF	1	PASI-O
		SM 7110C-2000	GCN	1	PASI-PA
		EPA 903.1	DSO	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		ASTM D5174-97	SLC	1	PASI-PA
35998816002	2511506-002	EPA 200.7	AF	1	PASI-O
		SM 7110C-2000	GCN	1	PASI-PA
		EPA 903.1	DSO	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		ASTM D5174-97	SLC	1	PASI-PA
35998816003	2511506-003	EPA 200.7	AF	1	PASI-O
		SM 7110C-2000	GCN	1	PASI-PA
		EPA 903.1	DSO	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		ASTM D5174-97	SLC	1	PASI-PA

PASI-O = Pace Analytical Services - Ormond Beach
PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2511506
Pace Project No.: 35998816

Sample: 2511506-001		Lab ID: 35998816001		Collected: 11/14/25 13:20		Received: 11/18/25 11:05		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach							
Iron	10.9	mg/L	0.040	0.025	1	12/02/25 00:40	12/02/25 15:34	7439-89-6	
Sample: 2511506-002		Lab ID: 35998816002		Collected: 11/14/25 14:05		Received: 11/18/25 11:05		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach							
Iron	0.095	mg/L	0.040	0.025	1	12/02/25 00:40	12/02/25 15:38	7439-89-6	
Sample: 2511506-003		Lab ID: 35998816003		Collected: 11/14/25 14:55		Received: 11/18/25 11:05		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach							
Iron	0.27	mg/L	0.040	0.025	1	12/02/25 00:40	12/02/25 15:47	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2511506
Pace Project No.: 35998816

QC Batch:	1148846	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: 35998816001, 35998816002, 35998816003

METHOD BLANK: 6296240 Matrix: Water
Associated Lab Samples: 35998816001, 35998816002, 35998816003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	mg/L	0.025 U	0.040	0.025	12/02/25 15:18	

LABORATORY CONTROL SAMPLE: 6296241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	2.5	2.5	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6296242 6296243

Parameter	Units	35202550004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	25.0 U ug/L	2.5	2.5	2.5	2.5	101	99	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6296244 6296245

Parameter	Units	35998816002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.095	2.5	2.5	2.6	2.6	98	99	70-130	0	20	

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2511506
Pace Project No.: 35998816

Sample: 2511506-001		Lab ID: 35998816001	Collected: 11/14/25 13:20	Received: 11/18/25 11:05	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Gross Alpha	Pace Analytical Services - Greensburg			pCi/L	12/03/25 18:19	12587-46-1	
	SM 7110C-2000	36.9 ± 7.55 (3.97) C:NA T:NA					
Radium-226	Pace Analytical Services - Greensburg			pCi/L	12/03/25 11:36	13982-63-3	
	EPA 903.1	7.20 ± 1.51 (0.156) C:NA T:90%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	12/01/25 12:12	15262-20-1	
	EPA 904.0	0.792 ± 0.424 (0.758) C:77% T:82%					
Total Uranium	Pace Analytical Services - Greensburg			ug/L	12/01/25 14:45	7440-61-1	
	ASTM D5174-97	26.4 ± 0.527 (1.292) C:NA T:NA					

Sample: 2511506-002		Lab ID: 35998816002	Collected: 11/14/25 14:05	Received: 11/18/25 11:05	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Gross Alpha	Pace Analytical Services - Greensburg			pCi/L	12/03/25 18:19	12587-46-1	
	SM 7110C-2000	8.71 ± 3.20 (4.40) C:NA T:NA					
Radium-226	Pace Analytical Services - Greensburg			pCi/L	12/03/25 11:36	13982-63-3	
	EPA 903.1	2.58 ± 0.843 (0.441) C:NA T:91%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	12/01/25 12:12	15262-20-1	
	EPA 904.0	0.806U ± 0.387 (0.806) C:73% T:76%					
Total Uranium	Pace Analytical Services - Greensburg			ug/L	12/01/25 14:48	7440-61-1	
	ASTM D5174-97	5.98 ± 0.121 (0.323) C:NA T:NA					

Sample: 2511506-003		Lab ID: 35998816003	Collected: 11/14/25 14:55	Received: 11/18/25 11:05	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Gross Alpha	Pace Analytical Services - Greensburg						
	SM 7110C-2000	15.5 ± 4.11 (4.19) C:NA T:NA		pCi/L	12/03/25 18:20	12587-46-1	
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	3.34 ± 1.00 (0.575) C:NA T:91%		pCi/L	12/03/25 11:36	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.945 ± 0.422 (0.682) C:77% T:82%		pCi/L	12/01/25 12:12	15262-20-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 2511506
Pace Project No.: 35998816

Sample: 2511506-003		Lab ID: 35998816003	Collected: 11/14/25 14:55	Received: 11/18/25 11:05	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Total Uranium	ASTM D5174-97	5.24 ± 0.106 (0.323) C:NA T:NA		ug/L	12/01/25 14:56	7440-61-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2511506
Pace Project No.: 35998816

QC Batch:	786978	Analysis Method:	SM 7110C-2000
QC Batch Method:	SM 7110C-2000	Analysis Description:	7110C Gross Alpha
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	35998816001, 35998816002, 35998816003		

METHOD BLANK:	3839734	Matrix:	Water
Associated Lab Samples:	35998816001, 35998816002, 35998816003		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Gross Alpha	1.86 ± 1.29 (2.15) C:NA T:NA	pCi/L	12/04/25 08:17	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2511506
Pace Project No.: 35998816

QC Batch:	786141	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:	35998816001, 35998816002, 35998816003		

METHOD BLANK:	3835588	Matrix:	Water
Associated Lab Samples:	35998816001, 35998816002, 35998816003		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.000 ± 0.242 (0.525) C:NA T:96%	pCi/L	12/03/25 11:36	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2511506
Pace Project No.: 35998816

QC Batch:	785584	Analysis Method:	ASTM D5174-97
QC Batch Method:	ASTM D5174-97	Analysis Description:	D5174.97 Total Uranium KPA
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	35998816001, 35998816002, 35998816003		

METHOD BLANK:	3833152	Matrix:	Water
Associated Lab Samples:	35998816001, 35998816002, 35998816003		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Total Uranium	-0.030 ± -0.002 (0.323) C:NA T:NA	ug/L	12/01/25 14:15	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 2511506
Pace Project No.: 35998816

QC Batch:	786142	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:	35998816001, 35998816002, 35998816003		
METHOD BLANK:	3835589	Matrix:	Water
Associated Lab Samples:	35998816001, 35998816002, 35998816003		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.383 ± 0.333 (0.668) C:79% T:87%	pCi/L	12/01/25 12:11	

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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QUALIFIERS

Project: 2511506
Pace Project No.: 35998816

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2511506
Pace Project No.: 35998816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35998816001	2511506-001	EPA 200.7	1148846	EPA 200.7	1148858
35998816002	2511506-002	EPA 200.7	1148846	EPA 200.7	1148858
35998816003	2511506-003	EPA 200.7	1148846	EPA 200.7	1148858
35998816001	2511506-001	SM 7110C-2000	786978		
35998816002	2511506-002	SM 7110C-2000	786978		
35998816003	2511506-003	SM 7110C-2000	786978		
35998816001	2511506-001	EPA 903.1	786141		
35998816002	2511506-002	EPA 903.1	786141		
35998816003	2511506-003	EPA 903.1	786141		
35998816001	2511506-001	EPA 904.0	786142		
35998816002	2511506-002	EPA 904.0	786142		
35998816003	2511506-003	EPA 904.0	786142		
35998816001	2511506-001	ASTM D5174-97	785584		
35998816002	2511506-002	ASTM D5174-97	785584		
35998816003	2511506-003	ASTM D5174-97	785584		

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY RECORD

Omega COCID 27204

PAGE: 1

OF: 1

ADDRESS

Fl. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337
FAX: (239) 590-0336
Website: www.sanderslabs.net

W0#: 35998816



Rush Analysis Requested

SUB CONTRACTOR		Pace		COMPANY:		Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:	
ADDRESS:		8 East Tower Circle						Please analyze these samples per our contract regulations. After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices.	
CITY, STATE, ZIP:		Ormond Beach, FL 32174						The information contained in this email is privileged and confidential info	
PHONE: (386) 676-4837		FAX: (386) 673-4001		EMAIL:					
ACCOUNT #:									
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.		
1	2511506-001E See Attached	Site: MW-1	250 P HNO3	Ground Water	11/14/2025 1:20:00 PM	1	GW - 200.7 Fe w/ HNO3		
2	2511506-001F See Attached	Site: MW-1	2L P HNO3	Ground Water	11/14/2025 1:20:00 PM	1	Gross Alpha & Uranium w/ HNO3		
3	2511506-001G See Attached	Site: MW-1	2L P HNO3	Ground Water	11/14/2025 1:20:00 PM	1	Radium 226 / 228 w/ HNO3		
4	2511506-002E See Attached	Site: N. Irrigate Di	250 P HNO3	Surface Water	11/14/2025 2:05:00 PM	1	GW - 200.7 Fe w/ HNO3		
5	2511506-002F See Attached	Site: N. Irrigate Di	2L P HNO3	Surface Water	11/14/2025 2:05:00 PM	1	Gross Alpha & Uranium w/ HNO3		
6	2511506-002G See Attached	Site: N. Irrigate Di	2L P HNO3	Surface Water	11/14/2025 2:05:00 PM	1	Radium 226 / 228 / HNO3		
7	2511506-003E See Attached	Site: Hydrolic Barr	250 P HNO3	Surface Water	11/14/2025 2:55:00 PM	1	GW - 200.7 Fe w/ HNO3		
8	2511506-003F See Attached	Site: Hydrolic Barr	2L P HNO3	Surface Water	11/14/2025 2:55:00 PM	1	Gross Alpha & Uranium w/ HNO3		
9	2511506-003G See Attached	Site: Hydrolic Barr	2L P HNO3	Surface Water	11/14/2025 2:55:00 PM	1	Radium 226 / 228 w/ HNO3		

Relinquished By: <i>TMA</i>	Date: 11/17/25	Time: 1600	Received By: <i>Fed</i>	Date: 11/19/25	Time: 1105
Relinquished By:	Date:	Time:	Received By: <i>JH Face</i>	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
TAT:	Standard ☐	RUSH	Next BD ☐	2nd BD ☐	3rd BD ☐

REPORT TRANSMITTAL DESIRED:

☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY

Temp of samples

20.5 °C

Attempt to Cool ?

Comments:

Pace

Project #
 Project Manager:
 Client:

WO#: 35998816
 PM: BTS Due Date: 11/25/25
 CLIENT: SANLAB

Date and Initials of person: JAH
 Examining contents: 11-18-25
 Verifying pH: JAH
 Initials: JAH

Thermometer Used: T-441

Date: 11/18/25

Time: 1229

State of Origin: _____
☐ For WW projects, all containers verified to $\leq 6^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 20.2 (Visual) 40.3 (Correction Factor) 20.5 (Actual)
 Cooler #2 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #3 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #4 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #5 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #6 Temp. $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Recheck for OOT $^{\circ}\text{C}$ _____ (Visual) _____ (Correction Factor) _____ (Actual)

☐ Samples collected sameday, on ice cooling has begun
☐ Samples collected sameday, on ice cooling has begun
☐ Samples collected sameday, on ice cooling has begun
☐ Samples collected sameday, on ice cooling has begun
☐ Samples collected sameday, on ice cooling has begun
☐ Samples collected sameday, on ice cooling has begun
 Time: _____ Initials: _____

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other: _____

Shipping Method: ☐ Standard Overnight ☐ First Overnight ☐ Priority Overnight ☐ Ground ☐ International Priority ☐ Other: _____

Tracking # 8152 6450 2898

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

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: _____

Ice: ☐ Wet ☐ Blue ☐ Dry ☐ None ☐ Melted

Samples shorted to lab: ☐ Yes ☐ No (If yes, complete the following)
 Shorted Date: _____

Bottle Quantity / Type: _____ Shorted Time: _____

Chain of Custody: Present: ☒ Yes ☐ No Filled Out: ☒ Yes ☐ No ☐ N/A Sampler Name: ☒ Yes ☐ No ☐ N/A	
Relinquished To Pace: ☒ Yes ☐ No ☐ N/A Sampling Date(s): ☒ Yes ☐ No ☐ N/A Sampling Time(s): ☒ Yes ☐ No ☐ N/A	
Samples Arrived within Hold Time.	☒ Yes ☐ No ☐ N/A
Rush Turnaround Requested on COC.	☒ Yes ☐ No ☐ N/A
Sufficient Volume.	☒ Yes ☐ No ☐ N/A
Correct Containers Used.	☒ Yes ☐ No ☐ N/A
Containers Intact.	☒ Yes ☐ No ☐ N/A
Sample Labels Match COC (Sample ID, Date/Time of Collection).	☒ Yes ☐ No ☐ N/A
All containers needing acid / base preservation have been checked.	☒ Yes ☐ No ☐ N/A
All containers needing preservation are found to be in compliance with EPA recommendation.	☒ Yes ☐ No ☐ N/A
Exceptions: Vials, Microbiology, O&G, PFAS	
Headspace in Volatile Vials? ($>6\text{mm}$):	☒ Yes ☐ No ☐ N/A
Trip Blank Present:	☒ Yes ☐ No ☐ N/A

Preservation Information
 Preservative: _____ Date: _____
 Lot / Trace: _____ Time: _____
 Amount added (mL): _____ Initials: _____

Comments / Resolutions (use back for additional comments):

Labeled by: TSI

Reviewed by: JAH



December 03, 2025

Tami Bright
Sanders Laboratories, Inc.
10090 Bavaria Rd
Fort Myers, FL 33913

RE: Project: 2511506
Pace Project No.: 35998816

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2025. 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,

Brad Smith
brad.smith@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

cc: Katie Strothman, Sanders
Katie Strothman*, Sanders Laboratories, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2511506

Pace Project No.: 35998816

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

California Certification# 3096

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

Nevada Certification: FL NELAC Reciprocity

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

Utah FL NELAC Reciprocity

Utah

Virginia Environmental Certification #: 460165

Washington Certification #: C955

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2511506
Pace Project No.: 35998816

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35998816001	2511506-001	Water	11/14/25 13:20	11/18/25 11:05
35998816002	2511506-002	Water	11/14/25 14:05	11/18/25 11:05
35998816003	2511506-003	Water	11/14/25 14:55	11/18/25 11:05

PRELIMINARY

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SAMPLE ANALYTE COUNT

Project: 2511506
Pace Project No.: 35998816

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35998816001	2511506-001	EPA 200.7	AF	1	PASI-O
35998816002	2511506-002	EPA 200.7	AF	1	PASI-O
35998816003	2511506-003	EPA 200.7	AF	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

PRELIMINARY

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ANALYTICAL RESULTS

Project: 2511506
Pace Project No.: 35998816

Sample: 2511506-001		Lab ID: 35998816001		Collected: 11/14/25 13:20		Received: 11/18/25 11:05		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach							
Iron	10.9	mg/L	0.040	0.025	1	12/02/25 00:40	12/02/25 15:34	7439-89-6	
Sample: 2511506-002		Lab ID: 35998816002		Collected: 11/14/25 14:05		Received: 11/18/25 11:05		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach							
Iron	0.095	mg/L	0.040	0.025	1	12/02/25 00:40	12/02/25 15:38	7439-89-6	
Sample: 2511506-003		Lab ID: 35998816003		Collected: 11/14/25 14:55		Received: 11/18/25 11:05		Matrix: Water	
Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
200.7 MET ICP		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Ormond Beach							
Iron	0.27	mg/L	0.040	0.025	1	12/02/25 00:40	12/02/25 15:47	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2511506
Pace Project No.: 35998816

QC Batch:	1148846	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: 35998816001, 35998816002, 35998816003

METHOD BLANK: 6296240 Matrix: Water
Associated Lab Samples: 35998816001, 35998816002, 35998816003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	mg/L	0.025 U	0.040	0.025	12/02/25 15:18	

LABORATORY CONTROL SAMPLE: 6296241

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	2.5	2.5	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6296242 6296243

Parameter	Units	35202550004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	25.0 U ug/L	2.5	2.5	2.5	2.5	101	99	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 6296244 6296245

Parameter	Units	35998816002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.095	2.5	2.5	2.6	2.6	98	99	70-130	0	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2511506

Pace Project No.: 35998816

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. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2511506
Pace Project No.: 35998816

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35998816001	2511506-001	EPA 200.7	1148846	EPA 200.7	1148858
35998816002	2511506-002	EPA 200.7	1148846	EPA 200.7	1148858
35998816003	2511506-003	EPA 200.7	1148846	EPA 200.7	1148858

PRELIMINARY

REPORT OF LABORATORY ANALYSIS

Monitoring Well Completion Report

Attachment C





STATE OF FLORIDA WELL COMPLETION REPORT

☒ Southwest

☐ Northwest

☐ St. Johns River

☐ South Florida

☐ Suwannee River

☐ DEP

☐ Delegated Authority (If Applicable) _____

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(*Denotes Required Fields Where Applicable)

Date Stamp

Received:

Jan 16, 2024 10:52 am

Official Use Only

1. *Permit Number 937335 *CUP/WUP Number _____ *DID Number _____ 62-524 Delineation No. _____

2. *Number of permitted wells constructed, repaired, or abandoned 4 *Number of permitted wells not constructed, repaired, or abandoned 0

3. *Owner's Name TMV, Inc 4. *Completion Date 01/16/2024 5. Florida Unique ID _____

6. 32990 BERMONT RD N/A

*Well Location - Address, Road Name or Number, City, ZIP

7. *County Charlotte *Section 33 Land Grant _____ *Township 40 *Range 24

8. Latitude 26 57 23.06 Longitude 81 54 36.89

9. Data Obtained From: _____ GPS ☒ Map _____ Survey _____ Datum: _____ NAD 27 ☒ NAD 83 _____ WGS 84

10. *Type of Work: ☒ Construction _____ Repair _____ Modification _____ Abandonment

11. *Specify Intended Use(s) of Well(s):

☐ Domestic	☐ Landscape Irrigation	☐ Agricultural Irrigation	☐ Site Investigation
☐ Bottled Water Supply	☐ Recreation Area Irrigation	☐ Livestock	☒ Monitoring
☐ Public Water Supply (Limited Use/DOH)		☐ Nursery Irrigation	☐ Test
☐ Public Water Supply (Community or Non-Community/DEP)		☐ Commercial/Industrial	☐ Earth-Coupled Geothermal
		☐ Golf Course Irrigation	☐ HVAC Supply
			☐ HVAC Return

Class V Injection: _____ Recharge _____ Commercial/Industrial Disposal _____ Aquifer Storage and Recovery _____ Drainage

Remediation: _____ Recovery _____ Air Sparge _____ Other (Describe) _____

_____ Other (Describe) _____

12. *Drill Method: ☒ Auger _____ Cable Tool _____ Rotary _____ Combination (Two or More Methods) _____ Jetted _____ Sonic _____
_____ Horizontal Drilling _____ Hydraulic Point (Direct Push) _____ Other _____

13. *Measured Static Water Level 7.0 ft. Measured Pumping Water Level _____ ft. After _____ Hours at _____ GPM

14. *Measuring Point (Describe) _____ Which is _____ ft. Above _____ Below Land Surface *Flowing: _____ Yes _____ No

15. *Casing Material: _____ Black Steel _____ Galvanized ☒ PVC _____ Stainless Steel _____ Not Cased _____ Other _____

16. *Total Well Depth 40.0 ft. Cased Depth 35.0 ft. *Open Hole: From _____ To _____ ft. *Screen: From _____ To _____ ft. Slot Size _____

17. *Abandonment: _____ Other (Explain) _____

From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____

18. *Surface Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____

19. *Primary Casing Diameter and Depth:

Dia <u>2.00</u> in. From <u>0.00</u> ft. To <u>35.00</u> ft. No. of Bags <u>3.00</u>	Seal Material (Check One): _____ Neat Cement _____ Bentonite ☒ Other _____ Slurry G
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____

20. *Liner Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____

21. *Telescope Casing Diameter and Depth:

Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____
Dia _____ in. From _____ ft. To _____ ft. No. of Bags _____	Seal Material (Check One): _____ Neat Cement _____ Bentonite _____ Other _____

22. Pump Type (If Known): _____ Centrifugal _____ Jet _____ Submersible _____ Turbine

Horsepower _____ Pump Capacity (GPM) _____

Pump Depth _____ ft. Intake Depth _____ ft.

24. Water Well Contractor: _____

23. Chemical Analysis (When Required):

Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm

_____ Laboratory Test _____ Field Test Kit

*Contractor Name Willie Smitherman *License Number 11212 E-mail Address jaee@bellsouth.net

*Contractor's Signature Digitally Signed *Driller's Name (Print or Type) allan kimmel

(I certify that the information provided in this report is accurate and true.)

2023 Soil Analytical Results

Attachment D





*Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net*

Kari Laroche
Southwest Engineering & Design
25450 Airport Road; Suite B
Punta Gorda, FL 33950
TEL: 941-637-9655
FAX:

RE: Waterside - 10 Sites (Soil)

Order No.: 2310221

Dear Kari Laroche:

Sanders Laboratories, Inc received 10 sample(s) on 10/5/2023 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of \$50.00. Copies will be provided within 2 weeks of the time of the request.
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.
SL 001= Nokomis Certificate # E84380 1050 Endeavor Court Nokomis Fl 34275. SL002= Fort Myers Certificate # E85457 10090 Bavaria Road Fort Myers Fl 33913

A statement of estimated uncertainty of results is available upon request.
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.

Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

A handwritten signature in blue ink, appearing to read "Katie", with a stylized flourish extending from the end.

Katie Strothman
Laboratory Director



Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337 FAX: (239) 590-0536
Website: www.sanderslabs.net

Definition Only

WO#: 2310221
Date:

Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples. Also if the RPD on a field duplicate exceeds allowable control limit.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value. Lab QC not in range.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

S: Final DO reading is less than 1 mg/l and the difference between initial and final DO is not at least 2 mg/l or if seed dilutions have wide variance per mL seed (30%).

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: MF: Too many colonies were present for accurate counting. MPN: All wells were positive. Results maybe higher than reported.



CHAIN OF CUSTODY RECORD

Workorder #
(Lab Use Only) **2310 221**Client _____
Address _____
Phone _____
Report To EMail: **Dwayne**
Bill to EMail: _____
P.O. #: _____Client ID: _____
Project Name: **Sw Eng Water Side**
Project Location: _____
Permit #/PWS ID: _____

Sampler Signature		Sample Collection		pH (Lab use only)	Bottle Type	Bottle Lot #	Preservative	Chem ID	Chem Exp	# Bottles	Analysis					Sample ID #
Matrix	Sample Description	Date	Time								Type G=grab C=comp.	TOC	metals	VOC/S&P	BTEX	
	Watershed 1	10/5/23	0840	G	X	X					X	X	X	X	X	1A-E
	WS Soil 2 High	1	0905		X	X					X	X	X	X	X	2A-E
	WS Soil 2 Mid	1	0915		X	X					X	X	X	X	X	3A-E
	WS Soil 2 Low	1	0925		X	X					X	X	X	X	X	4A-E
	WS Soil 3 High	1	1025		X	X					X	X	X	X	X	5A-E
	WS Soil 3 Mid	1	1035		X	X					X	X	X	X	X	6A-E
	WS Soil 3 Low	1	1045		X	X					X	X	X	X	X	7A-E

Kit Number	Comments:	Relinquished Signature & Affiliation	Date	Time	Accepted Signature	Date	Time
		CAA	10/5/23	1545	TWK	10/5/23	1541

Bottle Type Key Code		Preservative Key Code:	Okay to Run As Is...	Samples On Ice	Yes	No	Temp. °C
PL	HDPE						
UN	Unpreserved						
GA	Glass Amber						
V	Vial						
Volume=	250, 500, in mL 1L 2L						
Micro	F= Flip SC= Screw Cap						

By signing the Chain of Custody, the client, acknowledges, and authorizes analysis of the parameters listed above.
1050 Endeavor Ct, Nokomis, FL 34275 (941)488-8103 fax:(941)484-6774 E84380

10090 Bavaria Rd., Fort Myers, FL 33913 (239)590-0337 fax:(239)590-0536 E85457

Form #: RCF-02 Approved KS 9/14/2023

Form #: RCF-02 Approved KS 9/14/2023
fax:(239)590-0536 E85457

Date:

Field Tech:

Location:

10/5/23

AST

SW Eng

Site	Time	Sample Depth CIRCLE: Surface 6-12in Sub Surface 12in CIRCLE: Grab Aerial Composite	Weather		Air Temp (C)				
			Cloud Cover	Wind					
		10/5/23		w/s					
Waterside Shed 1	0840	9in 12in	5%	7 mph	23.8				
WS Soil 2 High	0905								
WS Soil 2 Mid	0915								
WS Soil 2 Low	0925								
WS Soil 3 High	1025								
WS Soil 3 Mid	1035								
WS Soil 3 Low	1045								
WS Soil 4 High	1130								
WS Soil 4 Mid	1140								
Comments:						Tests/Bottles/Preservatives:		Equipment Used: (circle)	
Decon N						soil jars	Lot #	Preservative	Auger
		8oz	067623-1TX		Core Sampler				
					Shovel				
					Scoop				
					Sample Container				



Date:

Field Tech:

Location:

10/5/23
~~Site~~
 SW Hwy - Water Side

Site	Time	Sample Depth CIRCLE: Surface 6-12in Sub Surface 12in CIRCLE: Grab Aereal Composite	Weather		Air Temp (C)
			Cloud Cover	Wind	
WS Soil 1 y low	1150	12in	65%	W/S 8 mph	30.5
Comments: Decon N	Tests/Bottles/Preservatives: soil jars 8oz Lot # 062623-1 rx		Preservative	Equipment Used: (circle) ☒ Auger ☐ Core Sampler ☐ Shovel ☐ Scoop ☐ Sample Container	

Form ID: FF-18 7/9/2020 KS



October 25, 2023

Tami Bright
Sanders Laboratories, Inc.
1050 Endeavor Court
Nokomis, FL 34275

RE: Project: 2310221
Pace Project No.: 35832847

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 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 - Green Bay
- Pace Analytical Services - Ormond Beach

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

Sincerely,

A handwritten signature in black ink that reads 'Bradley Smith'.

Brad Smith
brad.smith@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

cc: Katie Strothman, Sanders
Katie Strothman*, Sanders Laboratories, Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2310221

Pace Project No.: 35832847

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

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2310221
Pace Project No.: 35832847

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35832847001	2310221-001	Solid	10/05/23 08:40	10/06/23 11:15
35832847002	2310221-002	Solid	10/05/23 09:05	10/06/23 11:15
35832847003	2310221-003	Solid	10/05/23 09:15	10/06/23 11:15
35832847004	2310221-004	Solid	10/05/23 09:25	10/06/23 11:15
35832847005	2310221-005	Solid	10/05/23 10:25	10/06/23 11:15
35832847006	2310221-006	Solid	10/05/23 10:35	10/06/23 11:15
35832847007	2310221-007	Solid	10/05/23 10:45	10/06/23 11:15
35832847008	2310221-008	Solid	10/05/23 11:30	10/06/23 11:15
35832847009	2310221-009	Solid	10/05/23 11:40	10/06/23 11:15
35832847010	2310221-010	Solid	10/05/23 11:50	10/06/23 11:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2310221

Pace Project No.: 35832847

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35832847001	2310221-001	EPA 8081	BLM	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
35832847002	2310221-002	EPA 8081	BLM	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	BSL	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
35832847003	2310221-003	EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
35832847004	2310221-004	EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
35832847005	2310221-005	EPA 8081	CB1	22	PASI-O

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2310221

Pace Project No.: 35832847

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35832847006	2310221-006	FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
		EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
35832847007	2310221-007	EPA 9060 Modified	TJJ	4	PASI-G
		EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
		EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
35832847008	2310221-008	ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
		EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
		EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
35832847009	2310221-009	EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2310221
Pace Project No.: 35832847

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35832847010	2310221-010	EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G
		EPA 8081	CB1	22	PASI-O
		FL-PRO	PKC	3	PASI-O
		EPA 6020	LEC	8	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
		SM 2540G	WW1	1	PASI-O
		EPA 9060 Modified	TJJ	4	PASI-G

PASI-G = Pace Analytical Services - Green Bay
PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-001 Lab ID: 35832847001 Collected: 10/05/23 08:40 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Aldrin	0.00022 U	mg/kg	0.0022	0.00022	1	10/10/23 10:36	10/11/23 14:09	309-00-2	
alpha-BHC	0.00012 U	mg/kg	0.0022	0.00012	1	10/10/23 10:36	10/11/23 14:09	319-84-6	
beta-BHC	0.00027 U	mg/kg	0.0022	0.00027	1	10/10/23 10:36	10/11/23 14:09	319-85-7	
delta-BHC	0.00011 U	mg/kg	0.0022	0.00011	1	10/10/23 10:36	10/11/23 14:09	319-86-8	
gamma-BHC (Lindane)	0.000065 U	mg/kg	0.0022	0.000065	1	10/10/23 10:36	10/11/23 14:09	58-89-9	
Chlordane (Technical)	0.0067 U	mg/kg	0.022	0.0067	1	10/10/23 10:36	10/11/23 14:09	57-74-9	
4,4'-DDD	0.00010 U	mg/kg	0.0022	0.00010	1	10/10/23 10:36	10/11/23 14:09	72-54-8	
4,4'-DDE	0.000088 U	mg/kg	0.0022	0.000088	1	10/10/23 10:36	10/11/23 14:09	72-55-9	
4,4'-DDT	0.00013 U	mg/kg	0.0022	0.00013	1	10/10/23 10:36	10/11/23 14:09	50-29-3	
Dieldrin	0.000086 U	mg/kg	0.0022	0.000086	1	10/10/23 10:36	10/11/23 14:09	60-57-1	
Endosulfan I	0.00025 U	mg/kg	0.0022	0.00025	1	10/10/23 10:36	10/11/23 14:09	959-98-8	
Endosulfan II	0.00010 U	mg/kg	0.0022	0.00010	1	10/10/23 10:36	10/11/23 14:09	33213-65-9	
Endosulfan sulfate	0.000088 U	mg/kg	0.0022	0.000088	1	10/10/23 10:36	10/11/23 14:09	1031-07-8	
Endrin	0.00014 U	mg/kg	0.0022	0.00014	1	10/10/23 10:36	10/11/23 14:09	72-20-8	
Endrin aldehyde	0.00015 U	mg/kg	0.0045	0.00015	1	10/10/23 10:36	10/11/23 14:09	7421-93-4	
Endrin ketone	0.00010 U	mg/kg	0.0022	0.00010	1	10/10/23 10:36	10/11/23 14:09	53494-70-5	
Heptachlor	0.00024 U	mg/kg	0.0022	0.00024	1	10/10/23 10:36	10/11/23 14:09	76-44-8	
Heptachlor epoxide	0.000096 U	mg/kg	0.0022	0.000096	1	10/10/23 10:36	10/11/23 14:09	1024-57-3	
Methoxychlor	0.00033 U	mg/kg	0.0022	0.00033	1	10/10/23 10:36	10/11/23 14:09	72-43-5	
Toxaphene	0.0097 U	mg/kg	0.022	0.0097	1	10/10/23 10:36	10/11/23 14:09	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	91	%	53-140		1	10/10/23 10:36	10/11/23 14:09	877-09-8	
Decachlorobiphenyl (S)	91	%	43-157		1	10/10/23 10:36	10/11/23 14:09	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	35.0 U	mg/kg	40.7	35.0	1	10/07/23 15:59	10/09/23 18:28		P1
Surrogates									
o-Terphenyl (S)	85	%	66-136		1	10/07/23 15:59	10/09/23 18:28	84-15-1	
N-Pentatriacontane (S)	107	%	42-159		1	10/07/23 15:59	10/09/23 18:28	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.36 I	mg/kg	1.1	0.18	20	10/10/23 04:38	10/11/23 12:42	7440-38-2	
Barium	5.6	mg/kg	1.1	0.21	20	10/10/23 04:38	10/11/23 12:42	7440-39-3	
Cadmium	0.074 I	mg/kg	0.14	0.030	20	10/10/23 04:38	10/11/23 12:42	7440-43-9	
Chromium	6.9	mg/kg	1.1	0.65	20	10/10/23 04:38	10/11/23 12:42	7440-47-3	
Copper	1.1 I	mg/kg	2.3	0.58	20	10/10/23 04:38	10/11/23 12:42	7440-50-8	
Lead	1.9	mg/kg	1.1	0.42	20	10/10/23 04:38	10/11/23 12:42	7439-92-1	
Selenium	0.91 I	mg/kg	1.1	0.59	20	10/10/23 04:38	10/11/23 12:42	7782-49-2	
Silver	0.043 U	mg/kg	0.14	0.043	20	10/10/23 04:38	10/11/23 12:42	7440-22-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-001 Lab ID: 35832847001 Collected: 10/05/23 08:40 Received: 10/06/23 11:15 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
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.013	mg/kg	0.011	0.0055	1	10/17/23 08:25	10/17/23 12:57	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.12 U	mg/kg	0.28	0.12	1	10/10/23 01:16	10/18/23 22:40	83-32-9	P1
Acenaphthylene	0.041 U	mg/kg	0.26	0.041	1	10/10/23 01:16	10/18/23 22:40	208-96-8	P1
Aniline	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/18/23 22:40	62-53-3	P1
Anthracene	0.035 U	mg/kg	0.28	0.035	1	10/10/23 01:16	10/18/23 22:40	120-12-7	P1
Benzo(a)anthracene	0.035 U	mg/kg	0.26	0.035	1	10/10/23 01:16	10/18/23 22:40	56-55-3	P1
Benzo(a)pyrene	0.065 U	mg/kg	0.26	0.065	1	10/10/23 01:16	10/18/23 22:40	50-32-8	P1
Benzo(b)fluoranthene	0.069 U	mg/kg	0.26	0.069	1	10/10/23 01:16	10/18/23 22:40	205-99-2	P1
Benzo(g,h,i)perylene	0.065 U	mg/kg	0.26	0.065	1	10/10/23 01:16	10/18/23 22:40	191-24-2	P1
Benzo(k)fluoranthene	0.069 U	mg/kg	0.26	0.069	1	10/10/23 01:16	10/18/23 22:40	207-08-9	P1
Benzyl alcohol	0.27 U	mg/kg	1.3	0.27	1	10/10/23 01:16	10/18/23 22:40	100-51-6	P1
4-Bromophenylphenyl ether	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/18/23 22:40	101-55-3	P1
Butylbenzylphthalate	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/18/23 22:40	85-68-7	P1
4-Chloro-3-methylphenol	0.77 U	mg/kg	5.2	0.77	1	10/10/23 01:16	10/18/23 22:40	59-50-7	P1
4-Chloroaniline	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/18/23 22:40	106-47-8	P1
bis(2-Chloroethoxy)methane	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	111-91-1	P1
bis(2-Chloroethyl) ether	0.085 U	mg/kg	1.3	0.085	1	10/10/23 01:16	10/18/23 22:40	111-44-4	P1
bis(2-Chloroisopropyl) ether	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/18/23 22:40	108-60-1	P1
2-Chloronaphthalene	0.062 U	mg/kg	1.3	0.062	1	10/10/23 01:16	10/18/23 22:40	91-58-7	P1
2-Chlorophenol	0.21 U	mg/kg	1.3	0.21	1	10/10/23 01:16	10/18/23 22:40	95-57-8	P1
4-Chlorophenylphenyl ether	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	7005-72-3	P1
Chrysene	0.035 U	mg/kg	0.26	0.035	1	10/10/23 01:16	10/18/23 22:40	218-01-9	P1
Dibenz(a,h)anthracene	0.060 U	mg/kg	0.26	0.060	1	10/10/23 01:16	10/18/23 22:40	53-70-3	P1
Dibenzofuran	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	132-64-9	P1
1,2-Dichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	95-50-1	P1
1,3-Dichlorobenzene	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/18/23 22:40	541-73-1	P1
1,4-Dichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	106-46-7	P1
3,3'-Dichlorobenzidine	0.25 U	mg/kg	5.2	0.25	1	10/10/23 01:16	10/18/23 22:40	91-94-1	P1
2,4-Dichlorophenol	0.058 U	mg/kg	1.3	0.058	1	10/10/23 01:16	10/18/23 22:40	120-83-2	P1
Diethylphthalate	0.44 U	mg/kg	1.3	0.44	1	10/10/23 01:16	10/18/23 22:40	84-66-2	P1
2,4-Dimethylphenol	0.23 U	mg/kg	1.3	0.23	1	10/10/23 01:16	10/18/23 22:40	105-67-9	P1
Dimethylphthalate	0.21 U	mg/kg	1.3	0.21	1	10/10/23 01:16	10/18/23 22:40	131-11-3	P1
Di-n-butylphthalate	1.0 U	mg/kg	1.3	1.0	1	10/10/23 01:16	10/18/23 22:40	84-74-2	P1
4,6-Dinitro-2-methylphenol	1.7 U	mg/kg	5.2	1.7	1	10/10/23 01:16	10/18/23 22:40	534-52-1	P1
2,4-Dinitrophenol	0.77 U	mg/kg	5.2	0.77	1	10/10/23 01:16	10/18/23 22:40	51-28-5	J(v2),P1
2,4-Dinitrotoluene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	121-14-2	P1
2,6-Dinitrotoluene	0.063 U	mg/kg	1.3	0.063	1	10/10/23 01:16	10/18/23 22:40	606-20-2	P1
Di-n-octylphthalate	0.32 U	mg/kg	1.3	0.32	1	10/10/23 01:16	10/18/23 22:40	117-84-0	P1
1,2-Diphenylhydrazine	0.28 U	mg/kg	1.3	0.28	1	10/10/23 01:16	10/18/23 22:40	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.27 U	mg/kg	1.3	0.27	1	10/10/23 01:16	10/18/23 22:40	117-81-7	P1
Fluoranthene	0.085 U	mg/kg	0.26	0.085	1	10/10/23 01:16	10/18/23 22:40	206-44-0	P1

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-001 Lab ID: 35832847001 Collected: 10/05/23 08:40 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Fluorene	0.092 U	mg/kg	0.28	0.092	1	10/10/23 01:16	10/18/23 22:40	86-73-7	P1
Hexachloro-1,3-butadiene	0.092 U	mg/kg	1.3	0.092	1	10/10/23 01:16	10/18/23 22:40	87-68-3	P1
Hexachlorobenzene	0.051 U	mg/kg	1.3	0.051	1	10/10/23 01:16	10/18/23 22:40	118-74-1	P1
Hexachlorocyclopentadiene	0.95 U	mg/kg	5.2	0.95	1	10/10/23 01:16	10/18/23 22:40	77-47-4	P1
Hexachloroethane	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/18/23 22:40	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.059 U	mg/kg	0.26	0.059	1	10/10/23 01:16	10/18/23 22:40	193-39-5	P1
Isophorone	0.22 U	mg/kg	1.3	0.22	1	10/10/23 01:16	10/18/23 22:40	78-59-1	P1
1-Methylnaphthalene	0.043 U	mg/kg	0.31	0.043	1	10/10/23 01:16	10/18/23 22:40	90-12-0	P1
2-Methylnaphthalene	0.041 U	mg/kg	0.30	0.041	1	10/10/23 01:16	10/18/23 22:40	91-57-6	P1
2-Methylphenol(o-Cresol)	0.062 U	mg/kg	1.3	0.062	1	10/10/23 01:16	10/18/23 22:40	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.059 U	mg/kg	1.3	0.059	1	10/10/23 01:16	10/18/23 22:40		P1
Naphthalene	0.092 U	mg/kg	0.27	0.092	1	10/10/23 01:16	10/18/23 22:40	91-20-3	P1
2-Nitroaniline	0.32 U	mg/kg	1.3	0.32	1	10/10/23 01:16	10/18/23 22:40	88-74-4	P1
3-Nitroaniline	0.28 U	mg/kg	1.3	0.28	1	10/10/23 01:16	10/18/23 22:40	99-09-2	P1
4-Nitroaniline	0.065 U	mg/kg	1.3	0.065	1	10/10/23 01:16	10/18/23 22:40	100-01-6	P1
Nitrobenzene	0.086 U	mg/kg	1.3	0.086	1	10/10/23 01:16	10/18/23 22:40	98-95-3	P1
2-Nitrophenol	0.42 U	mg/kg	1.3	0.42	1	10/10/23 01:16	10/18/23 22:40	88-75-5	P1
4-Nitrophenol	0.56 U	mg/kg	1.7	0.56	1	10/10/23 01:16	10/18/23 22:40	100-02-7	P1
N-Nitrosodimethylamine	0.085 U	mg/kg	1.3	0.085	1	10/10/23 01:16	10/18/23 22:40	62-75-9	P1
N-Nitroso-di-n-propylamine	0.051 U	mg/kg	1.3	0.051	1	10/10/23 01:16	10/18/23 22:40	621-64-7	P1
N-Nitrosodiphenylamine	0.17 U	mg/kg	1.3	0.17	1	10/10/23 01:16	10/18/23 22:40	86-30-6	P1
Pentachlorophenol	0.67 U	mg/kg	5.2	0.67	1	10/10/23 01:16	10/18/23 22:40	87-86-5	P1
Phenanthrene	0.037 U	mg/kg	0.26	0.037	1	10/10/23 01:16	10/18/23 22:40	85-01-8	P1
Phenol	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/18/23 22:40	108-95-2	P1
Pyrene	0.076 U	mg/kg	0.26	0.076	1	10/10/23 01:16	10/18/23 22:40	129-00-0	P1
1,2,4-Trichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/18/23 22:40	120-82-1	P1
2,4,5-Trichlorophenol	0.052 U	mg/kg	1.3	0.052	1	10/10/23 01:16	10/18/23 22:40	95-95-4	P1
2,4,6-Trichlorophenol	0.071 U	mg/kg	1.3	0.071	1	10/10/23 01:16	10/18/23 22:40	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	58	%	24-98		1	10/10/23 01:16	10/18/23 22:40	4165-60-0	
2-Fluorobiphenyl (S)	56	%	29-101		1	10/10/23 01:16	10/18/23 22:40	321-60-8	
p-Terphenyl-d14 (S)	62	%	29-112		1	10/10/23 01:16	10/18/23 22:40	1718-51-0	
Phenol-d6 (S)	54	%	10-104		1	10/10/23 01:16	10/18/23 22:40	13127-88-3	
2-Fluorophenol (S)	54	%	19-95		1	10/10/23 01:16	10/18/23 22:40	367-12-4	
2,4,6-Tribromophenol (S)	58	%	23-110		1	10/10/23 01:16	10/18/23 22:40	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.17	mg/kg	0.066	0.029	1	10/09/23 19:31	10/10/23 04:42	67-64-1	
Acetonitrile	0.020 U	mg/kg	0.066	0.020	1	10/09/23 19:31	10/10/23 04:42	75-05-8	
Benzene	0.0013 U	mg/kg	0.0066	0.0013	1	10/09/23 19:31	10/10/23 04:42	71-43-2	
Bromochloromethane	0.00098 U	mg/kg	0.0066	0.00098	1	10/09/23 19:31	10/10/23 04:42	74-97-5	J(v1)
Bromodichloromethane	0.0015 U	mg/kg	0.0066	0.0015	1	10/09/23 19:31	10/10/23 04:42	75-27-4	
Bromoform	0.0015 U	mg/kg	0.0066	0.0015	1	10/09/23 19:31	10/10/23 04:42	75-25-2	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-001 Lab ID: 35832847001 Collected: 10/05/23 08:40 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Bromomethane	0.0024 U	mg/kg	0.0066	0.0024	1	10/09/23 19:31	10/10/23 04:42	74-83-9	
2-Butanone (MEK)	0.0066 U	mg/kg	0.066	0.0066	1	10/09/23 19:31	10/10/23 04:42	78-93-3	
Carbon disulfide	0.0033 U	mg/kg	0.0066	0.0033	1	10/09/23 19:31	10/10/23 04:42	75-15-0	J(v1)
Carbon tetrachloride	0.0016 U	mg/kg	0.0066	0.0016	1	10/09/23 19:31	10/10/23 04:42	56-23-5	
Chlorobenzene	0.0012 U	mg/kg	0.0066	0.0012	1	10/09/23 19:31	10/10/23 04:42	108-90-7	
Chloroethane	0.0028 U	mg/kg	0.0066	0.0028	1	10/09/23 19:31	10/10/23 04:42	75-00-3	
Chloroform	0.0024 U	mg/kg	0.0066	0.0024	1	10/09/23 19:31	10/10/23 04:42	67-66-3	
Chloromethane	0.0026 U	mg/kg	0.0066	0.0026	1	10/09/23 19:31	10/10/23 04:42	74-87-3	
1,2-Dibromo-3-chloropropane	0.0016 U	mg/kg	0.0066	0.0016	1	10/09/23 19:31	10/10/23 04:42	96-12-8	
Dibromochloromethane	0.0012 U	mg/kg	0.0066	0.0012	1	10/09/23 19:31	10/10/23 04:42	124-48-1	
1,2-Dibromoethane (EDB)	0.00098 U	mg/kg	0.0066	0.00098	1	10/09/23 19:31	10/10/23 04:42	106-93-4	
Dibromomethane	0.00094 U	mg/kg	0.0066	0.00094	1	10/09/23 19:31	10/10/23 04:42	74-95-3	J(v1)
1,2-Dichlorobenzene	0.0010 U	mg/kg	0.0066	0.0010	1	10/09/23 19:31	10/10/23 04:42	95-50-1	
1,4-Dichlorobenzene	0.00089 U	mg/kg	0.0066	0.00089	1	10/09/23 19:31	10/10/23 04:42	106-46-7	
trans-1,4-Dichloro-2-butene	0.0016 U	mg/kg	0.0066	0.0016	1	10/09/23 19:31	10/10/23 04:42	110-57-6	
1,1-Dichloroethane	0.0013 U	mg/kg	0.0066	0.0013	1	10/09/23 19:31	10/10/23 04:42	75-34-3	
1,2-Dichloroethane	0.0010 U	mg/kg	0.0066	0.0010	1	10/09/23 19:31	10/10/23 04:42	107-06-2	
1,2-Dichloroethene (Total)	0.0040 U	mg/kg	0.0066	0.0040	1	10/09/23 19:31	10/10/23 04:42	540-59-0	
1,1-Dichloroethene	0.0033 U	mg/kg	0.0066	0.0033	1	10/09/23 19:31	10/10/23 04:42	75-35-4	
cis-1,2-Dichloroethene	0.0015 U	mg/kg	0.0066	0.0015	1	10/09/23 19:31	10/10/23 04:42	156-59-2	
trans-1,2-Dichloroethene	0.0017 U	mg/kg	0.0066	0.0017	1	10/09/23 19:31	10/10/23 04:42	156-60-5	
1,2-Dichloropropane	0.0012 U	mg/kg	0.0066	0.0012	1	10/09/23 19:31	10/10/23 04:42	78-87-5	
cis-1,3-Dichloropropene	0.0013 U	mg/kg	0.0066	0.0013	1	10/09/23 19:31	10/10/23 04:42	10061-01-5	
trans-1,3-Dichloropropene	0.0013 U	mg/kg	0.0066	0.0013	1	10/09/23 19:31	10/10/23 04:42	10061-02-6	
Ethylbenzene	0.0016 U	mg/kg	0.0066	0.0016	1	10/09/23 19:31	10/10/23 04:42	100-41-4	
2-Hexanone	0.0066 U	mg/kg	0.033	0.0066	1	10/09/23 19:31	10/10/23 04:42	591-78-6	
Iodomethane	0.0015 U	mg/kg	0.013	0.0015	1	10/09/23 19:31	10/10/23 04:42	74-88-4	
Isopropylbenzene (Cumene)	0.0017 U	mg/kg	0.0066	0.0017	1	10/09/23 19:31	10/10/23 04:42	98-82-8	
Methylene Chloride	0.0058 U	mg/kg	0.0066	0.0058	1	10/09/23 19:31	10/10/23 04:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0066 U	mg/kg	0.033	0.0066	1	10/09/23 19:31	10/10/23 04:42	108-10-1	
Methyl-tert-butyl ether	0.0020 U	mg/kg	0.0066	0.0020	1	10/09/23 19:31	10/10/23 04:42	1634-04-4	
Styrene	0.0033 U	mg/kg	0.0066	0.0033	1	10/09/23 19:31	10/10/23 04:42	100-42-5	
1,1,1,2-Tetrachloroethane	0.0013 U	mg/kg	0.0066	0.0013	1	10/09/23 19:31	10/10/23 04:42	630-20-6	
1,1,2,2-Tetrachloroethane	0.00081 U	mg/kg	0.0066	0.00081	1	10/09/23 19:31	10/10/23 04:42	79-34-5	
Tetrachloroethene	0.0016 U	mg/kg	0.0066	0.0016	1	10/09/23 19:31	10/10/23 04:42	127-18-4	
Toluene	0.0026 U	mg/kg	0.0066	0.0026	1	10/09/23 19:31	10/10/23 04:42	108-88-3	
1,1,1-Trichloroethane	0.0017 U	mg/kg	0.0066	0.0017	1	10/09/23 19:31	10/10/23 04:42	71-55-6	
1,1,2-Trichloroethane	0.00078 U	mg/kg	0.0066	0.00078	1	10/09/23 19:31	10/10/23 04:42	79-00-5	
Trichloroethene	0.0016 U	mg/kg	0.0066	0.0016	1	10/09/23 19:31	10/10/23 04:42	79-01-6	
Trichlorofluoromethane	0.0033 U	mg/kg	0.0066	0.0033	1	10/09/23 19:31	10/10/23 04:42	75-69-4	
1,2,3-Trichloropropane	0.0020 U	mg/kg	0.0066	0.0020	1	10/09/23 19:31	10/10/23 04:42	96-18-4	
Vinyl acetate	0.0021 U	mg/kg	0.0066	0.0021	1	10/09/23 19:31	10/10/23 04:42	108-05-4	
Vinyl chloride	0.0028 U	mg/kg	0.0066	0.0028	1	10/09/23 19:31	10/10/23 04:42	75-01-4	
Xylene (Total)	0.0068 U	mg/kg	0.020	0.0068	1	10/09/23 19:31	10/10/23 04:42	1330-20-7	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-001 Lab ID: 35832847001 Collected: 10/05/23 08:40 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
m&p-Xylene	0.0068 U	mg/kg	0.013	0.0068	1	10/09/23 19:31	10/10/23 04:42	179601-23-1	
o-Xylene	0.0013 U	mg/kg	0.0066	0.0013	1	10/09/23 19:31	10/10/23 04:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	68-125		1	10/09/23 19:31	10/10/23 04:42	460-00-4	
Toluene-d8 (S)	101	%	70-130		1	10/09/23 19:31	10/10/23 04:42	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/09/23 19:31	10/10/23 04:42	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	24.2	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	759000	mg/kg	10.0	10.0	1		10/08/23 16:57		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	6.5	%	0.10	0.10	1		10/20/23 08:43		
Total Organic Carbon	1860	mg/kg	789	235	1		10/20/23 08:43	7440-44-0	
Total Organic Carbon	1980	mg/kg	790	236	1		10/20/23 08:49	7440-44-0	
Mean Total Organic Carbon	1920	mg/kg	790	236	1		10/20/23 08:43	7440-44-0	

Sample: 2310221-002 Lab ID: 35832847002 Collected: 10/05/23 09:05 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Aldrin	0.00020 U	mg/kg	0.0020	0.00020	1	10/10/23 10:36	10/11/23 14:22	309-00-2	
alpha-BHC	0.00011 U	mg/kg	0.0020	0.00011	1	10/10/23 10:36	10/11/23 14:22	319-84-6	
beta-BHC	0.00024 U	mg/kg	0.0020	0.00024	1	10/10/23 10:36	10/11/23 14:22	319-85-7	
delta-BHC	0.00010 U	mg/kg	0.0020	0.00010	1	10/10/23 10:36	10/11/23 14:22	319-86-8	
gamma-BHC (Lindane)	0.000058 U	mg/kg	0.0020	0.000058	1	10/10/23 10:36	10/11/23 14:22	58-89-9	
Chlordane (Technical)	0.0060 U	mg/kg	0.020	0.0060	1	10/10/23 10:36	10/11/23 14:22	57-74-9	
4,4'-DDD	0.000090 U	mg/kg	0.0020	0.000090	1	10/10/23 10:36	10/11/23 14:22	72-54-8	
4,4'-DDE	0.000079 U	mg/kg	0.0020	0.000079	1	10/10/23 10:36	10/11/23 14:22	72-55-9	
4,4'-DDT	0.00012 U	mg/kg	0.0020	0.00012	1	10/10/23 10:36	10/11/23 14:22	50-29-3	
Dieldrin	0.000077 U	mg/kg	0.0020	0.000077	1	10/10/23 10:36	10/11/23 14:22	60-57-1	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-002 Lab ID: 35832847002 Collected: 10/05/23 09:05 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Endosulfan I	0.00022 U	mg/kg	0.0020	0.00022	1	10/10/23 10:36	10/11/23 14:22	959-98-8	
Endosulfan II	0.000090 U	mg/kg	0.0020	0.000090	1	10/10/23 10:36	10/11/23 14:22	33213-65-9	
Endosulfan sulfate	0.000079 U	mg/kg	0.0020	0.000079	1	10/10/23 10:36	10/11/23 14:22	1031-07-8	
Endrin	0.00013 U	mg/kg	0.0020	0.00013	1	10/10/23 10:36	10/11/23 14:22	72-20-8	
Endrin aldehyde	0.00013 U	mg/kg	0.0040	0.00013	1	10/10/23 10:36	10/11/23 14:22	7421-93-4	
Endrin ketone	0.000093 U	mg/kg	0.0020	0.000093	1	10/10/23 10:36	10/11/23 14:22	53494-70-5	
Heptachlor	0.00021 U	mg/kg	0.0020	0.00021	1	10/10/23 10:36	10/11/23 14:22	76-44-8	
Heptachlor epoxide	0.000086 U	mg/kg	0.0020	0.000086	1	10/10/23 10:36	10/11/23 14:22	1024-57-3	
Methoxychlor	0.00029 U	mg/kg	0.0020	0.00029	1	10/10/23 10:36	10/11/23 14:22	72-43-5	
Toxaphene	0.0087 U	mg/kg	0.020	0.0087	1	10/10/23 10:36	10/11/23 14:22	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	91	%	53-140		1	10/10/23 10:36	10/11/23 14:22	877-09-8	
Decachlorobiphenyl (S)	100	%	43-157		1	10/10/23 10:36	10/11/23 14:22	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	5.1 U	mg/kg	5.9	5.1	1	10/07/23 15:59	10/09/23 18:41		
Surrogates									
o-Terphenyl (S)	80	%	66-136		1	10/07/23 15:59	10/09/23 18:41	84-15-1	
N-Pentatriacontane (S)	98	%	42-159		1	10/07/23 15:59	10/09/23 18:41	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.20 U	mg/kg	1.3	0.20	20	10/10/23 04:38	10/10/23 18:42	7440-38-2	
Barium	1.5	mg/kg	1.3	0.24	20	10/10/23 04:38	10/10/23 18:42	7440-39-3	
Cadmium	0.034 U	mg/kg	0.15	0.034	20	10/10/23 04:38	10/10/23 18:42	7440-43-9	
Chromium	0.74 U	mg/kg	1.3	0.74	20	10/10/23 04:38	10/10/23 18:42	7440-47-3	
Copper	0.66 U	mg/kg	2.6	0.66	20	10/10/23 04:38	10/10/23 18:42	7440-50-8	
Lead	0.65 I	mg/kg	1.3	0.47	20	10/10/23 04:38	10/10/23 18:42	7439-92-1	
Selenium	0.66 U	mg/kg	1.3	0.66	20	10/10/23 04:38	10/10/23 18:42	7782-49-2	
Silver	0.049 U	mg/kg	0.15	0.049	20	10/10/23 04:38	10/10/23 18:42	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0044 U	mg/kg	0.0088	0.0044	1	10/18/23 11:06	10/18/23 13:42	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.019 U	mg/kg	0.042	0.019	1	10/10/23 01:16	10/14/23 22:46	83-32-9	
Acenaphthylene	0.0062 U	mg/kg	0.040	0.0062	1	10/10/23 01:16	10/14/23 22:46	208-96-8	
Aniline	0.039 U	mg/kg	0.20	0.039	1	10/10/23 01:16	10/14/23 22:46	62-53-3	J(M1)

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-002 Lab ID: 35832847002 Collected: 10/05/23 09:05 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Anthracene	0.0054 U	mg/kg	0.042	0.0054	1	10/10/23 01:16	10/14/23 22:46	120-12-7	J(M1)
Benzo(a)anthracene	0.0053 U	mg/kg	0.040	0.0053	1	10/10/23 01:16	10/14/23 22:46	56-55-3	
Benzo(a)pyrene	0.0099 U	mg/kg	0.040	0.0099	1	10/10/23 01:16	10/14/23 22:46	50-32-8	J(M1)
Benzo(b)fluoranthene	0.011 U	mg/kg	0.040	0.011	1	10/10/23 01:16	10/14/23 22:46	205-99-2	
Benzo(g,h,i)perylene	0.010 U	mg/kg	0.040	0.010	1	10/10/23 01:16	10/14/23 22:46	191-24-2	
Benzo(k)fluoranthene	0.011 U	mg/kg	0.040	0.011	1	10/10/23 01:16	10/14/23 22:46	207-08-9	
Benzyl alcohol	0.041 U	mg/kg	0.20	0.041	1	10/10/23 01:16	10/14/23 22:46	100-51-6	J(M1)
4-Bromophenylphenyl ether	0.038 U	mg/kg	0.20	0.038	1	10/10/23 01:16	10/14/23 22:46	101-55-3	J(M1)
Butylbenzylphthalate	0.040 U	mg/kg	0.20	0.040	1	10/10/23 01:16	10/14/23 22:46	85-68-7	J(M1)
4-Chloro-3-methylphenol	0.12 U	mg/kg	0.79	0.12	1	10/10/23 01:16	10/14/23 22:46	59-50-7	J(M1)
4-Chloroaniline	0.031 U	mg/kg	0.20	0.031	1	10/10/23 01:16	10/14/23 22:46	106-47-8	J(M1)
bis(2-Chloroethoxy)methane	0.028 U	mg/kg	0.20	0.028	1	10/10/23 01:16	10/14/23 22:46	111-91-1	J(M1)
bis(2-Chloroethyl) ether	0.013 U	mg/kg	0.20	0.013	1	10/10/23 01:16	10/14/23 22:46	111-44-4	J(M1)
bis(2-Chloroisopropyl) ether	0.040 U	mg/kg	0.20	0.040	1	10/10/23 01:16	10/14/23 22:46	108-60-1	
2-Chloronaphthalene	0.0094 U	mg/kg	0.20	0.0094	1	10/10/23 01:16	10/14/23 22:46	91-58-7	J(M1)
2-Chlorophenol	0.032 U	mg/kg	0.20	0.032	1	10/10/23 01:16	10/14/23 22:46	95-57-8	J(M1)
4-Chlorophenylphenyl ether	0.028 U	mg/kg	0.20	0.028	1	10/10/23 01:16	10/14/23 22:46	7005-72-3	J(M1)
Chrysene	0.0053 U	mg/kg	0.040	0.0053	1	10/10/23 01:16	10/14/23 22:46	218-01-9	J(M1)
Dibenz(a,h)anthracene	0.0092 U	mg/kg	0.040	0.0092	1	10/10/23 01:16	10/14/23 22:46	53-70-3	
Dibenzofuran	0.027 U	mg/kg	0.20	0.027	1	10/10/23 01:16	10/14/23 22:46	132-64-9	J(M1)
1,2-Dichlorobenzene	0.028 U	mg/kg	0.20	0.028	1	10/10/23 01:16	10/14/23 22:46	95-50-1	J(M1)
1,3-Dichlorobenzene	0.039 U	mg/kg	0.20	0.039	1	10/10/23 01:16	10/14/23 22:46	541-73-1	J(M1)
1,4-Dichlorobenzene	0.028 U	mg/kg	0.20	0.028	1	10/10/23 01:16	10/14/23 22:46	106-46-7	J(M1)
3,3'-Dichlorobenzidine	0.039 U	mg/kg	0.79	0.039	1	10/10/23 01:16	10/14/23 22:46	91-94-1	J(M1)
2,4-Dichlorophenol	0.0088 U	mg/kg	0.20	0.0088	1	10/10/23 01:16	10/14/23 22:46	120-83-2	J(M1)
Diethylphthalate	0.067 U	mg/kg	0.20	0.067	1	10/10/23 01:16	10/14/23 22:46	84-66-2	J(M1)
2,4-Dimethylphenol	0.035 U	mg/kg	0.20	0.035	1	10/10/23 01:16	10/14/23 22:46	105-67-9	J(M1)
Dimethylphthalate	0.032 U	mg/kg	0.20	0.032	1	10/10/23 01:16	10/14/23 22:46	131-11-3	J(M1)
Di-n-butylphthalate	0.16 U	mg/kg	0.20	0.16	1	10/10/23 01:16	10/14/23 22:46	84-74-2	J(M1)
4,6-Dinitro-2-methylphenol	0.26 U	mg/kg	0.79	0.26	1	10/10/23 01:16	10/14/23 22:46	534-52-1	
2,4-Dinitrophenol	0.12 U	mg/kg	0.79	0.12	1	10/10/23 01:16	10/14/23 22:46	51-28-5	
2,4-Dinitrotoluene	0.027 U	mg/kg	0.20	0.027	1	10/10/23 01:16	10/14/23 22:46	121-14-2	J(M1)
2,6-Dinitrotoluene	0.0096 U	mg/kg	0.20	0.0096	1	10/10/23 01:16	10/14/23 22:46	606-20-2	J(M1)
Di-n-octylphthalate	0.048 U	mg/kg	0.20	0.048	1	10/10/23 01:16	10/14/23 22:46	117-84-0	J(M1)
1,2-Diphenylhydrazine	0.043 U	mg/kg	0.20	0.043	1	10/10/23 01:16	10/14/23 22:46	122-66-7	J(M1)
bis(2-Ethylhexyl)phthalate	0.041 U	mg/kg	0.20	0.041	1	10/10/23 01:16	10/14/23 22:46	117-81-7	J(M1)
Fluoranthene	0.013 U	mg/kg	0.040	0.013	1	10/10/23 01:16	10/14/23 22:46	206-44-0	J(M1)
Fluorene	0.014 U	mg/kg	0.043	0.014	1	10/10/23 01:16	10/14/23 22:46	86-73-7	
Hexachloro-1,3-butadiene	0.014 U	mg/kg	0.20	0.014	1	10/10/23 01:16	10/14/23 22:46	87-68-3	J(M1)
Hexachlorobenzene	0.0078 U	mg/kg	0.20	0.0078	1	10/10/23 01:16	10/14/23 22:46	118-74-1	J(M1)
Hexachlorocyclopentadiene	0.14 U	mg/kg	0.79	0.14	1	10/10/23 01:16	10/14/23 22:46	77-47-4	
Hexachloroethane	0.031 U	mg/kg	0.20	0.031	1	10/10/23 01:16	10/14/23 22:46	67-72-1	J(M1)
Indeno(1,2,3-cd)pyrene	0.0090 U	mg/kg	0.040	0.0090	1	10/10/23 01:16	10/14/23 22:46	193-39-5	
Isophorone	0.034 U	mg/kg	0.20	0.034	1	10/10/23 01:16	10/14/23 22:46	78-59-1	J(M1)

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-002 Lab ID: 35832847002 Collected: 10/05/23 09:05 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
1-Methylnaphthalene	0.0066 U	mg/kg	0.047	0.0066	1	10/10/23 01:16	10/14/23 22:46	90-12-0	J(M1)
2-Methylnaphthalene	0.0062 U	mg/kg	0.046	0.0062	1	10/10/23 01:16	10/14/23 22:46	91-57-6	J(M1)
2-Methylphenol(o-Cresol)	0.0095 U	mg/kg	0.20	0.0095	1	10/10/23 01:16	10/14/23 22:46	95-48-7	J(M1)
3&4-Methylphenol(m&p Cresol)	0.0090 U	mg/kg	0.20	0.0090	1	10/10/23 01:16	10/14/23 22:46		J(M1)
Naphthalene	0.014 U	mg/kg	0.041	0.014	1	10/10/23 01:16	10/14/23 22:46	91-20-3	J(M1)
2-Nitroaniline	0.049 U	mg/kg	0.20	0.049	1	10/10/23 01:16	10/14/23 22:46	88-74-4	J(M1)
3-Nitroaniline	0.043 U	mg/kg	0.20	0.043	1	10/10/23 01:16	10/14/23 22:46	99-09-2	J(M1)
4-Nitroaniline	0.010 U	mg/kg	0.20	0.010	1	10/10/23 01:16	10/14/23 22:46	100-01-6	J(M1)
Nitrobenzene	0.013 U	mg/kg	0.20	0.013	1	10/10/23 01:16	10/14/23 22:46	98-95-3	J(M1)
2-Nitrophenol	0.063 U	mg/kg	0.20	0.063	1	10/10/23 01:16	10/14/23 22:46	88-75-5	J(M1)
4-Nitrophenol	0.086 U	mg/kg	0.26	0.086	1	10/10/23 01:16	10/14/23 22:46	100-02-7	J(M1)
N-Nitrosodimethylamine	0.013 U	mg/kg	0.20	0.013	1	10/10/23 01:16	10/14/23 22:46	62-75-9	J(M1)
N-Nitroso-di-n-propylamine	0.0077 U	mg/kg	0.20	0.0077	1	10/10/23 01:16	10/14/23 22:46	621-64-7	J(M1)
N-Nitrosodiphenylamine	0.026 U	mg/kg	0.20	0.026	1	10/10/23 01:16	10/14/23 22:46	86-30-6	J(M1)
Pentachlorophenol	0.10 U	mg/kg	0.79	0.10	1	10/10/23 01:16	10/14/23 22:46	87-86-5	J(M1)
Phenanthrene	0.0056 U	mg/kg	0.040	0.0056	1	10/10/23 01:16	10/14/23 22:46	85-01-8	
Phenol	0.038 U	mg/kg	0.20	0.038	1	10/10/23 01:16	10/14/23 22:46	108-95-2	J(M1)
Pyrene	0.012 U	mg/kg	0.040	0.012	1	10/10/23 01:16	10/14/23 22:46	129-00-0	
1,2,4-Trichlorobenzene	0.028 U	mg/kg	0.20	0.028	1	10/10/23 01:16	10/14/23 22:46	120-82-1	J(M1)
2,4,5-Trichlorophenol	0.0079 U	mg/kg	0.20	0.0079	1	10/10/23 01:16	10/14/23 22:46	95-95-4	J(M1)
2,4,6-Trichlorophenol	0.011 U	mg/kg	0.20	0.011	1	10/10/23 01:16	10/14/23 22:46	88-06-2	J(M1)
Surrogates									
Nitrobenzene-d5 (S)	42	%	24-98		1	10/10/23 01:16	10/14/23 22:46	4165-60-0	
2-Fluorobiphenyl (S)	41	%	29-101		1	10/10/23 01:16	10/14/23 22:46	321-60-8	
p-Terphenyl-d14 (S)	38	%	29-112		1	10/10/23 01:16	10/14/23 22:46	1718-51-0	
Phenol-d6 (S)	38	%	10-104		1	10/10/23 01:16	10/14/23 22:46	13127-88-3	
2-Fluorophenol (S)	39	%	19-95		1	10/10/23 01:16	10/14/23 22:46	367-12-4	
2,4,6-Tribromophenol (S)	47	%	23-110		1	10/10/23 01:16	10/14/23 22:46	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.23	mg/kg	0.061	0.027	1	10/09/23 19:31	10/10/23 05:05	67-64-1	
Acetonitrile	0.018 U	mg/kg	0.061	0.018	1	10/09/23 19:31	10/10/23 05:05	75-05-8	
Benzene	0.0012 U	mg/kg	0.0061	0.0012	1	10/09/23 19:31	10/10/23 05:05	71-43-2	
Bromochloromethane	0.00090 U	mg/kg	0.0061	0.00090	1	10/09/23 19:31	10/10/23 05:05	74-97-5	J(v1)
Bromodichloromethane	0.0013 U	mg/kg	0.0061	0.0013	1	10/09/23 19:31	10/10/23 05:05	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0061	0.0013	1	10/09/23 19:31	10/10/23 05:05	75-25-2	
Bromomethane	0.0022 U	mg/kg	0.0061	0.0022	1	10/09/23 19:31	10/10/23 05:05	74-83-9	
2-Butanone (MEK)	0.0061 U	mg/kg	0.061	0.0061	1	10/09/23 19:31	10/10/23 05:05	78-93-3	
Carbon disulfide	0.0031 U	mg/kg	0.0061	0.0031	1	10/09/23 19:31	10/10/23 05:05	75-15-0	J(v1)
Carbon tetrachloride	0.0015 U	mg/kg	0.0061	0.0015	1	10/09/23 19:31	10/10/23 05:05	56-23-5	
Chlorobenzene	0.0011 U	mg/kg	0.0061	0.0011	1	10/09/23 19:31	10/10/23 05:05	108-90-7	
Chloroethane	0.0026 U	mg/kg	0.0061	0.0026	1	10/09/23 19:31	10/10/23 05:05	75-00-3	
Chloroform	0.0022 U	mg/kg	0.0061	0.0022	1	10/09/23 19:31	10/10/23 05:05	67-66-3	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-002 Lab ID: 35832847002 Collected: 10/05/23 09:05 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Chloromethane	0.0024 U	mg/kg	0.0061	0.0024	1	10/09/23 19:31	10/10/23 05:05	74-87-3	J(v1)
1,2-Dibromo-3-chloropropane	0.0015 U	mg/kg	0.0061	0.0015	1	10/09/23 19:31	10/10/23 05:05	96-12-8	
Dibromochloromethane	0.0011 U	mg/kg	0.0061	0.0011	1	10/09/23 19:31	10/10/23 05:05	124-48-1	
1,2-Dibromoethane (EDB)	0.00090 U	mg/kg	0.0061	0.00090	1	10/09/23 19:31	10/10/23 05:05	106-93-4	
Dibromomethane	0.00087 U	mg/kg	0.0061	0.00087	1	10/09/23 19:31	10/10/23 05:05	74-95-3	
1,2-Dichlorobenzene	0.00093 U	mg/kg	0.0061	0.00093	1	10/09/23 19:31	10/10/23 05:05	95-50-1	
1,4-Dichlorobenzene	0.00082 U	mg/kg	0.0061	0.00082	1	10/09/23 19:31	10/10/23 05:05	106-46-7	
trans-1,4-Dichloro-2-butene	0.0015 U	mg/kg	0.0061	0.0015	1	10/09/23 19:31	10/10/23 05:05	110-57-6	
1,1-Dichloroethane	0.0012 U	mg/kg	0.0061	0.0012	1	10/09/23 19:31	10/10/23 05:05	75-34-3	
1,2-Dichloroethane	0.00094 U	mg/kg	0.0061	0.00094	1	10/09/23 19:31	10/10/23 05:05	107-06-2	
1,2-Dichloroethene (Total)	0.0037 U	mg/kg	0.0061	0.0037	1	10/09/23 19:31	10/10/23 05:05	540-59-0	
1,1-Dichloroethene	0.0031 U	mg/kg	0.0061	0.0031	1	10/09/23 19:31	10/10/23 05:05	75-35-4	
cis-1,2-Dichloroethene	0.0013 U	mg/kg	0.0061	0.0013	1	10/09/23 19:31	10/10/23 05:05	156-59-2	
trans-1,2-Dichloroethene	0.0016 U	mg/kg	0.0061	0.0016	1	10/09/23 19:31	10/10/23 05:05	156-60-5	
1,2-Dichloropropane	0.0011 U	mg/kg	0.0061	0.0011	1	10/09/23 19:31	10/10/23 05:05	78-87-5	
cis-1,3-Dichloropropene	0.0012 U	mg/kg	0.0061	0.0012	1	10/09/23 19:31	10/10/23 05:05	10061-01-5	
trans-1,3-Dichloropropene	0.0012 U	mg/kg	0.0061	0.0012	1	10/09/23 19:31	10/10/23 05:05	10061-02-6	
Ethylbenzene	0.0015 U	mg/kg	0.0061	0.0015	1	10/09/23 19:31	10/10/23 05:05	100-41-4	
2-Hexanone	0.0061 U	mg/kg	0.031	0.0061	1	10/09/23 19:31	10/10/23 05:05	591-78-6	
Iodomethane	0.0013 U	mg/kg	0.012	0.0013	1	10/09/23 19:31	10/10/23 05:05	74-88-4	
Isopropylbenzene (Cumene)	0.0016 U	mg/kg	0.0061	0.0016	1	10/09/23 19:31	10/10/23 05:05	98-82-8	
Methylene Chloride	0.0054 U	mg/kg	0.0061	0.0054	1	10/09/23 19:31	10/10/23 05:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0061 U	mg/kg	0.031	0.0061	1	10/09/23 19:31	10/10/23 05:05	108-10-1	
Methyl-tert-butyl ether	0.0018 U	mg/kg	0.0061	0.0018	1	10/09/23 19:31	10/10/23 05:05	1634-04-4	
Styrene	0.0031 U	mg/kg	0.0061	0.0031	1	10/09/23 19:31	10/10/23 05:05	100-42-5	
1,1,1,2-Tetrachloroethane	0.0012 U	mg/kg	0.0061	0.0012	1	10/09/23 19:31	10/10/23 05:05	630-20-6	
1,1,2,2-Tetrachloroethane	0.00075 U	mg/kg	0.0061	0.00075	1	10/09/23 19:31	10/10/23 05:05	79-34-5	
Tetrachloroethene	0.0015 U	mg/kg	0.0061	0.0015	1	10/09/23 19:31	10/10/23 05:05	127-18-4	
Toluene	0.0024 U	mg/kg	0.0061	0.0024	1	10/09/23 19:31	10/10/23 05:05	108-88-3	
1,1,1-Trichloroethane	0.0016 U	mg/kg	0.0061	0.0016	1	10/09/23 19:31	10/10/23 05:05	71-55-6	
1,1,2-Trichloroethane	0.00072 U	mg/kg	0.0061	0.00072	1	10/09/23 19:31	10/10/23 05:05	79-00-5	
Trichloroethene	0.0015 U	mg/kg	0.0061	0.0015	1	10/09/23 19:31	10/10/23 05:05	79-01-6	
Trichlorofluoromethane	0.0031 U	mg/kg	0.0061	0.0031	1	10/09/23 19:31	10/10/23 05:05	75-69-4	
1,2,3-Trichloropropane	0.0018 U	mg/kg	0.0061	0.0018	1	10/09/23 19:31	10/10/23 05:05	96-18-4	
Vinyl acetate	0.0020 U	mg/kg	0.0061	0.0020	1	10/09/23 19:31	10/10/23 05:05	108-05-4	
Vinyl chloride	0.0026 U	mg/kg	0.0061	0.0026	1	10/09/23 19:31	10/10/23 05:05	75-01-4	
Xylene (Total)	0.0063 U	mg/kg	0.018	0.0063	1	10/09/23 19:31	10/10/23 05:05	1330-20-7	
m&p-Xylene	0.0063 U	mg/kg	0.012	0.0063	1	10/09/23 19:31	10/10/23 05:05	179601-23-1	
o-Xylene	0.0012 U	mg/kg	0.0061	0.0012	1	10/09/23 19:31	10/10/23 05:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	68-125		1	10/09/23 19:31	10/10/23 05:05	460-00-4	
Toluene-d8 (S)	109	%	70-130		1	10/09/23 19:31	10/10/23 05:05	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/09/23 19:31	10/10/23 05:05	2199-69-1	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-002 **Lab ID: 35832847002** Collected: 10/05/23 09:05 Received: 10/06/23 11:15 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
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	15.3	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids	Analytical Method: SM 2540G Pace Analytical Services - Ormond Beach								
Total Solids	846000	mg/kg	10.0	10.0	1		10/08/23 16:58		
Total Organic Carbon	Analytical Method: EPA 9060 Modified Pace Analytical Services - Green Bay								
Surrogates									
RPD%	5.0	%	0.10	0.10	1		10/20/23 09:19		
Total Organic Carbon	5210	mg/kg	701	209	1		10/20/23 09:19	7440-44-0	
Total Organic Carbon	4950	mg/kg	708	211	1		10/20/23 09:26	7440-44-0	
Mean Total Organic Carbon	5080	mg/kg	705	210	1		10/20/23 09:19	7440-44-0	

Sample: 2310221-003 **Lab ID: 35832847003** Collected: 10/05/23 09:15 Received: 10/06/23 11:15 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
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	0.0013 U	mg/kg	0.013	0.0013	1	10/10/23 17:11	10/11/23 14:09	309-00-2	P1
alpha-BHC	0.00073 U	mg/kg	0.013	0.00073	1	10/10/23 17:11	10/11/23 14:09	319-84-6	P1
beta-BHC	0.0016 U	mg/kg	0.013	0.0016	1	10/10/23 17:11	10/11/23 14:09	319-85-7	P1
delta-BHC	0.00068 U	mg/kg	0.013	0.00068	1	10/10/23 17:11	10/11/23 14:09	319-86-8	P1
gamma-BHC (Lindane)	0.00038 U	mg/kg	0.013	0.00038	1	10/10/23 17:11	10/11/23 14:09	58-89-9	P1
Chlordane (Technical)	0.040 U	mg/kg	0.13	0.040	1	10/10/23 17:11	10/11/23 14:09	57-74-9	P1
4,4'-DDD	0.00059 U	mg/kg	0.013	0.00059	1	10/10/23 17:11	10/11/23 14:09	72-54-8	P1
4,4'-DDE	0.00052 U	mg/kg	0.013	0.00052	1	10/10/23 17:11	10/11/23 14:09	72-55-9	P1
4,4'-DDT	0.00080 U	mg/kg	0.013	0.00080	1	10/10/23 17:11	10/11/23 14:09	50-29-3	P1
Dieldrin	0.00051 U	mg/kg	0.013	0.00051	1	10/10/23 17:11	10/11/23 14:09	60-57-1	P1
Endosulfan I	0.0015 U	mg/kg	0.013	0.0015	1	10/10/23 17:11	10/11/23 14:09	959-98-8	P1
Endosulfan II	0.00059 U	mg/kg	0.013	0.00059	1	10/10/23 17:11	10/11/23 14:09	33213-65-9	P1
Endosulfan sulfate	0.00052 U	mg/kg	0.013	0.00052	1	10/10/23 17:11	10/11/23 14:09	1031-07-8	P1
Endrin	0.00084 U	mg/kg	0.013	0.00084	1	10/10/23 17:11	10/11/23 14:09	72-20-8	P1
Endrin aldehyde	0.00086 U	mg/kg	0.027	0.00086	1	10/10/23 17:11	10/11/23 14:09	7421-93-4	P1
Endrin ketone	0.00062 U	mg/kg	0.013	0.00062	1	10/10/23 17:11	10/11/23 14:09	53494-70-5	P1
Heptachlor	0.0014 U	mg/kg	0.013	0.0014	1	10/10/23 17:11	10/11/23 14:09	76-44-8	P1
Heptachlor epoxide	0.00057 U	mg/kg	0.013	0.00057	1	10/10/23 17:11	10/11/23 14:09	1024-57-3	P1
Methoxychlor	0.0020 U	mg/kg	0.013	0.0020	1	10/10/23 17:11	10/11/23 14:09	72-43-5	P1
Toxaphene	0.057 U	mg/kg	0.13	0.057	1	10/10/23 17:11	10/11/23 14:09	8001-35-2	P1
Surrogates									
Tetrachloro-m-xylene (S)	70	%	53-140		1	10/10/23 17:11	10/11/23 14:09	877-09-8	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-003 Lab ID: 35832847003 Collected: 10/05/23 09:15 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
Decachlorobiphenyl (S)	71	%	43-157		1	10/10/23 17:11	10/11/23 14:09	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	31.1 U	mg/kg	36.2	31.1	1	10/07/23 15:59	10/09/23 18:55		P1
Surrogates									
o-Terphenyl (S)	95	%	66-136		1	10/07/23 15:59	10/09/23 18:55	84-15-1	
N-Pentatriacontane (S)	107	%	42-159		1	10/07/23 15:59	10/09/23 18:55	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.18 U	mg/kg	1.2	0.18	20	10/11/23 07:43	10/15/23 23:23	7440-38-2	
Barium	0.21 U	mg/kg	1.2	0.21	20	10/11/23 07:43	10/15/23 23:23	7440-39-3	
Cadmium	0.030 U	mg/kg	0.14	0.030	20	10/11/23 07:43	10/15/23 23:23	7440-43-9	
Chromium	0.66 U	mg/kg	1.2	0.66	20	10/11/23 07:43	10/15/23 23:23	7440-47-3	
Copper	1.4 I	mg/kg	2.3	0.59	20	10/11/23 07:43	10/15/23 23:23	7440-50-8	
Lead	0.42 U	mg/kg	1.2	0.42	20	10/11/23 07:43	10/15/23 23:23	7439-92-1	
Selenium	0.59 U	mg/kg	1.2	0.59	20	10/11/23 07:43	10/15/23 23:23	7782-49-2	
Silver	0.044 U	mg/kg	0.14	0.044	20	10/11/23 07:43	10/15/23 23:23	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0055 U	mg/kg	0.011	0.0055	1	10/18/23 11:06	10/18/23 13:44	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.12 U	mg/kg	0.27	0.12	1	10/10/23 01:16	10/20/23 19:54	83-32-9	P1
Acenaphthylene	0.040 U	mg/kg	0.25	0.040	1	10/10/23 01:16	10/20/23 19:54	208-96-8	P1
Aniline	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/20/23 19:54	62-53-3	P1
Anthracene	0.034 U	mg/kg	0.27	0.034	1	10/10/23 01:16	10/20/23 19:54	120-12-7	P1
Benzo(a)anthracene	0.034 U	mg/kg	0.25	0.034	1	10/10/23 01:16	10/20/23 19:54	56-55-3	P1
Benzo(a)pyrene	0.063 U	mg/kg	0.25	0.063	1	10/10/23 01:16	10/20/23 19:54	50-32-8	P1
Benzo(b)fluoranthene	0.067 U	mg/kg	0.25	0.067	1	10/10/23 01:16	10/20/23 19:54	205-99-2	P1
Benzo(g,h,i)perylene	0.063 U	mg/kg	0.25	0.063	1	10/10/23 01:16	10/20/23 19:54	191-24-2	P1
Benzo(k)fluoranthene	0.067 U	mg/kg	0.25	0.067	1	10/10/23 01:16	10/20/23 19:54	207-08-9	P1
Benzyl alcohol	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/20/23 19:54	100-51-6	P1
4-Bromophenylphenyl ether	0.24 U	mg/kg	1.3	0.24	1	10/10/23 01:16	10/20/23 19:54	101-55-3	P1
Butylbenzylphthalate	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/20/23 19:54	85-68-7	P1
4-Chloro-3-methylphenol	0.75 U	mg/kg	5.0	0.75	1	10/10/23 01:16	10/20/23 19:54	59-50-7	P1
4-Chloroaniline	0.19 U	mg/kg	1.3	0.19	1	10/10/23 01:16	10/20/23 19:54	106-47-8	P1
bis(2-Chloroethoxy)methane	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 19:54	111-91-1	P1
bis(2-Chloroethyl) ether	0.082 U	mg/kg	1.3	0.082	1	10/10/23 01:16	10/20/23 19:54	111-44-4	P1
bis(2-Chloroisopropyl) ether	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/20/23 19:54	108-60-1	P1

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-003 Lab ID: 35832847003 Collected: 10/05/23 09:15 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
2-Chloronaphthalene	0.060 U	mg/kg	1.3	0.060	1	10/10/23 01:16	10/20/23 19:54	91-58-7	P1
2-Chlorophenol	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/20/23 19:54	95-57-8	P1
4-Chlorophenylphenyl ether	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 19:54	7005-72-3	P1
Chrysene	0.034 U	mg/kg	0.25	0.034	1	10/10/23 01:16	10/20/23 19:54	218-01-9	P1
Dibenz(a,h)anthracene	0.058 U	mg/kg	0.25	0.058	1	10/10/23 01:16	10/20/23 19:54	53-70-3	P1
Dibenzofuran	0.17 U	mg/kg	1.3	0.17	1	10/10/23 01:16	10/20/23 19:54	132-64-9	P1
1,2-Dichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 19:54	95-50-1	P1
1,3-Dichlorobenzene	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/20/23 19:54	541-73-1	P1
1,4-Dichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 19:54	106-46-7	P1
3,3'-Dichlorobenzidine	0.25 U	mg/kg	5.0	0.25	1	10/10/23 01:16	10/20/23 19:54	91-94-1	P1
2,4-Dichlorophenol	0.056 U	mg/kg	1.3	0.056	1	10/10/23 01:16	10/20/23 19:54	120-83-2	P1
Diethylphthalate	0.42 U	mg/kg	1.3	0.42	1	10/10/23 01:16	10/20/23 19:54	84-66-2	P1
2,4-Dimethylphenol	0.22 U	mg/kg	1.3	0.22	1	10/10/23 01:16	10/20/23 19:54	105-67-9	P1
Dimethylphthalate	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/20/23 19:54	131-11-3	P1
Di-n-butylphthalate	0.99 U	mg/kg	1.3	0.99	1	10/10/23 01:16	10/20/23 19:54	84-74-2	P1
4,6-Dinitro-2-methylphenol	1.7 U	mg/kg	5.0	1.7	1	10/10/23 01:16	10/20/23 19:54	534-52-1	P1
2,4-Dinitrophenol	0.75 U	mg/kg	5.0	0.75	1	10/10/23 01:16	10/20/23 19:54	51-28-5	P1
2,4-Dinitrotoluene	0.17 U	mg/kg	1.3	0.17	1	10/10/23 01:16	10/20/23 19:54	121-14-2	P1
2,6-Dinitrotoluene	0.061 U	mg/kg	1.3	0.061	1	10/10/23 01:16	10/20/23 19:54	606-20-2	P1
Di-n-octylphthalate	0.31 U	mg/kg	1.3	0.31	1	10/10/23 01:16	10/20/23 19:54	117-84-0	P1
1,2-Diphenylhydrazine	0.28 U	mg/kg	1.3	0.28	1	10/10/23 01:16	10/20/23 19:54	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/20/23 19:54	117-81-7	P1
Fluoranthene	0.082 U	mg/kg	0.25	0.082	1	10/10/23 01:16	10/20/23 19:54	206-44-0	P1
Fluorene	0.089 U	mg/kg	0.28	0.089	1	10/10/23 01:16	10/20/23 19:54	86-73-7	P1
Hexachloro-1,3-butadiene	0.089 U	mg/kg	1.3	0.089	1	10/10/23 01:16	10/20/23 19:54	87-68-3	P1
Hexachlorobenzene	0.050 U	mg/kg	1.3	0.050	1	10/10/23 01:16	10/20/23 19:54	118-74-1	P1
Hexachlorocyclopentadiene	0.92 U	mg/kg	5.0	0.92	1	10/10/23 01:16	10/20/23 19:54	77-47-4	J(v2),P1
Hexachloroethane	0.19 U	mg/kg	1.3	0.19	1	10/10/23 01:16	10/20/23 19:54	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.057 U	mg/kg	0.25	0.057	1	10/10/23 01:16	10/20/23 19:54	193-39-5	P1
Isophorone	0.22 U	mg/kg	1.3	0.22	1	10/10/23 01:16	10/20/23 19:54	78-59-1	P1
1-Methylnaphthalene	0.042 U	mg/kg	0.30	0.042	1	10/10/23 01:16	10/20/23 19:54	90-12-0	P1
2-Methylnaphthalene	0.040 U	mg/kg	0.29	0.040	1	10/10/23 01:16	10/20/23 19:54	91-57-6	P1
2-Methylphenol(o-Cresol)	0.060 U	mg/kg	1.3	0.060	1	10/10/23 01:16	10/20/23 19:54	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.057 U	mg/kg	1.3	0.057	1	10/10/23 01:16	10/20/23 19:54		P1
Naphthalene	0.089 U	mg/kg	0.26	0.089	1	10/10/23 01:16	10/20/23 19:54	91-20-3	P1
2-Nitroaniline	0.31 U	mg/kg	1.3	0.31	1	10/10/23 01:16	10/20/23 19:54	88-74-4	P1
3-Nitroaniline	0.28 U	mg/kg	1.3	0.28	1	10/10/23 01:16	10/20/23 19:54	99-09-2	P1
4-Nitroaniline	0.063 U	mg/kg	1.3	0.063	1	10/10/23 01:16	10/20/23 19:54	100-01-6	P1
Nitrobenzene	0.084 U	mg/kg	1.3	0.084	1	10/10/23 01:16	10/20/23 19:54	98-95-3	P1
2-Nitrophenol	0.40 U	mg/kg	1.3	0.40	1	10/10/23 01:16	10/20/23 19:54	88-75-5	P1
4-Nitrophenol	0.54 U	mg/kg	1.6	0.54	1	10/10/23 01:16	10/20/23 19:54	100-02-7	P1
N-Nitrosodimethylamine	0.082 U	mg/kg	1.3	0.082	1	10/10/23 01:16	10/20/23 19:54	62-75-9	P1
N-Nitroso-di-n-propylamine	0.049 U	mg/kg	1.3	0.049	1	10/10/23 01:16	10/20/23 19:54	621-64-7	P1
N-Nitrosodiphenylamine	0.16 U	mg/kg	1.3	0.16	1	10/10/23 01:16	10/20/23 19:54	86-30-6	P1

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-003 Lab ID: 35832847003 Collected: 10/05/23 09:15 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Pentachlorophenol	0.65 U	mg/kg	5.0	0.65	1	10/10/23 01:16	10/20/23 19:54	87-86-5	P1
Phenanthrene	0.036 U	mg/kg	0.25	0.036	1	10/10/23 01:16	10/20/23 19:54	85-01-8	P1
Phenol	0.24 U	mg/kg	1.3	0.24	1	10/10/23 01:16	10/20/23 19:54	108-95-2	P1
Pyrene	0.074 U	mg/kg	0.25	0.074	1	10/10/23 01:16	10/20/23 19:54	129-00-0	P1
1,2,4-Trichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 19:54	120-82-1	P1
2,4,5-Trichlorophenol	0.050 U	mg/kg	1.3	0.050	1	10/10/23 01:16	10/20/23 19:54	95-95-4	P1
2,4,6-Trichlorophenol	0.069 U	mg/kg	1.3	0.069	1	10/10/23 01:16	10/20/23 19:54	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	71	%	24-98		1	10/10/23 01:16	10/20/23 19:54	4165-60-0	
2-Fluorobiphenyl (S)	70	%	29-101		1	10/10/23 01:16	10/20/23 19:54	321-60-8	
p-Terphenyl-d14 (S)	72	%	29-112		1	10/10/23 01:16	10/20/23 19:54	1718-51-0	
Phenol-d6 (S)	68	%	10-104		1	10/10/23 01:16	10/20/23 19:54	13127-88-3	
2-Fluorophenol (S)	67	%	19-95		1	10/10/23 01:16	10/20/23 19:54	367-12-4	
2,4,6-Tribromophenol (S)	70	%	23-110		1	10/10/23 01:16	10/20/23 19:54	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.19	mg/kg	0.058	0.025	1	10/09/23 19:31	10/10/23 05:29	67-64-1	
Acetonitrile	0.017 U	mg/kg	0.058	0.017	1	10/09/23 19:31	10/10/23 05:29	75-05-8	
Benzene	0.0012 U	mg/kg	0.0058	0.0012	1	10/09/23 19:31	10/10/23 05:29	71-43-2	
Bromochloromethane	0.00086 U	mg/kg	0.0058	0.00086	1	10/09/23 19:31	10/10/23 05:29	74-97-5	J(v1)
Bromodichloromethane	0.0013 U	mg/kg	0.0058	0.0013	1	10/09/23 19:31	10/10/23 05:29	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0058	0.0013	1	10/09/23 19:31	10/10/23 05:29	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0058	0.0021	1	10/09/23 19:31	10/10/23 05:29	74-83-9	
2-Butanone (MEK)	0.0058 U	mg/kg	0.058	0.0058	1	10/09/23 19:31	10/10/23 05:29	78-93-3	
Carbon disulfide	0.0029 U	mg/kg	0.0058	0.0029	1	10/09/23 19:31	10/10/23 05:29	75-15-0	J(v1)
Carbon tetrachloride	0.0014 U	mg/kg	0.0058	0.0014	1	10/09/23 19:31	10/10/23 05:29	56-23-5	
Chlorobenzene	0.0011 U	mg/kg	0.0058	0.0011	1	10/09/23 19:31	10/10/23 05:29	108-90-7	
Chloroethane	0.0024 U	mg/kg	0.0058	0.0024	1	10/09/23 19:31	10/10/23 05:29	75-00-3	
Chloroform	0.0021 U	mg/kg	0.0058	0.0021	1	10/09/23 19:31	10/10/23 05:29	67-66-3	
Chloromethane	0.0023 U	mg/kg	0.0058	0.0023	1	10/09/23 19:31	10/10/23 05:29	74-87-3	
1,2-Dibromo-3-chloropropane	0.0014 U	mg/kg	0.0058	0.0014	1	10/09/23 19:31	10/10/23 05:29	96-12-8	
Dibromochloromethane	0.0010 U	mg/kg	0.0058	0.0010	1	10/09/23 19:31	10/10/23 05:29	124-48-1	
1,2-Dibromoethane (EDB)	0.00086 U	mg/kg	0.0058	0.00086	1	10/09/23 19:31	10/10/23 05:29	106-93-4	
Dibromomethane	0.00082 U	mg/kg	0.0058	0.00082	1	10/09/23 19:31	10/10/23 05:29	74-95-3	J(v1)
1,2-Dichlorobenzene	0.00088 U	mg/kg	0.0058	0.00088	1	10/09/23 19:31	10/10/23 05:29	95-50-1	
1,4-Dichlorobenzene	0.00077 U	mg/kg	0.0058	0.00077	1	10/09/23 19:31	10/10/23 05:29	106-46-7	
trans-1,4-Dichloro-2-butene	0.0014 U	mg/kg	0.0058	0.0014	1	10/09/23 19:31	10/10/23 05:29	110-57-6	
1,1-Dichloroethane	0.0011 U	mg/kg	0.0058	0.0011	1	10/09/23 19:31	10/10/23 05:29	75-34-3	
1,2-Dichloroethane	0.00089 U	mg/kg	0.0058	0.00089	1	10/09/23 19:31	10/10/23 05:29	107-06-2	
1,2-Dichloroethene (Total)	0.0035 U	mg/kg	0.0058	0.0035	1	10/09/23 19:31	10/10/23 05:29	540-59-0	
1,1-Dichloroethene	0.0029 U	mg/kg	0.0058	0.0029	1	10/09/23 19:31	10/10/23 05:29	75-35-4	
cis-1,2-Dichloroethene	0.0013 U	mg/kg	0.0058	0.0013	1	10/09/23 19:31	10/10/23 05:29	156-59-2	
trans-1,2-Dichloroethene	0.0015 U	mg/kg	0.0058	0.0015	1	10/09/23 19:31	10/10/23 05:29	156-60-5	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-003 Lab ID: 35832847003 Collected: 10/05/23 09:15 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,2-Dichloropropane	0.0011 U	mg/kg	0.0058	0.0011	1	10/09/23 19:31	10/10/23 05:29	78-87-5	
cis-1,3-Dichloropropene	0.0012 U	mg/kg	0.0058	0.0012	1	10/09/23 19:31	10/10/23 05:29	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0058	0.0011	1	10/09/23 19:31	10/10/23 05:29	10061-02-6	
Ethylbenzene	0.0014 U	mg/kg	0.0058	0.0014	1	10/09/23 19:31	10/10/23 05:29	100-41-4	
2-Hexanone	0.0058 U	mg/kg	0.029	0.0058	1	10/09/23 19:31	10/10/23 05:29	591-78-6	
Iodomethane	0.0013 U	mg/kg	0.012	0.0013	1	10/09/23 19:31	10/10/23 05:29	74-88-4	
Isopropylbenzene (Cumene)	0.0015 U	mg/kg	0.0058	0.0015	1	10/09/23 19:31	10/10/23 05:29	98-82-8	
Methylene Chloride	0.0051 U	mg/kg	0.0058	0.0051	1	10/09/23 19:31	10/10/23 05:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0058 U	mg/kg	0.029	0.0058	1	10/09/23 19:31	10/10/23 05:29	108-10-1	
Methyl-tert-butyl ether	0.0017 U	mg/kg	0.0058	0.0017	1	10/09/23 19:31	10/10/23 05:29	1634-04-4	
Styrene	0.0029 U	mg/kg	0.0058	0.0029	1	10/09/23 19:31	10/10/23 05:29	100-42-5	
1,1,1,2-Tetrachloroethane	0.0012 U	mg/kg	0.0058	0.0012	1	10/09/23 19:31	10/10/23 05:29	630-20-6	
1,1,2,2-Tetrachloroethane	0.00071 U	mg/kg	0.0058	0.00071	1	10/09/23 19:31	10/10/23 05:29	79-34-5	
Tetrachloroethene	0.0014 U	mg/kg	0.0058	0.0014	1	10/09/23 19:31	10/10/23 05:29	127-18-4	
Toluene	0.0023 U	mg/kg	0.0058	0.0023	1	10/09/23 19:31	10/10/23 05:29	108-88-3	
1,1,1-Trichloroethane	0.0015 U	mg/kg	0.0058	0.0015	1	10/09/23 19:31	10/10/23 05:29	71-55-6	
1,1,2-Trichloroethane	0.00068 U	mg/kg	0.0058	0.00068	1	10/09/23 19:31	10/10/23 05:29	79-00-5	
Trichloroethene	0.0014 U	mg/kg	0.0058	0.0014	1	10/09/23 19:31	10/10/23 05:29	79-01-6	
Trichlorofluoromethane	0.0029 U	mg/kg	0.0058	0.0029	1	10/09/23 19:31	10/10/23 05:29	75-69-4	
1,2,3-Trichloropropane	0.0017 U	mg/kg	0.0058	0.0017	1	10/09/23 19:31	10/10/23 05:29	96-18-4	
Vinyl acetate	0.0019 U	mg/kg	0.0058	0.0019	1	10/09/23 19:31	10/10/23 05:29	108-05-4	
Vinyl chloride	0.0024 U	mg/kg	0.0058	0.0024	1	10/09/23 19:31	10/10/23 05:29	75-01-4	
Xylene (Total)	0.0059 U	mg/kg	0.017	0.0059	1	10/09/23 19:31	10/10/23 05:29	1330-20-7	
m&p-Xylene	0.0059 U	mg/kg	0.012	0.0059	1	10/09/23 19:31	10/10/23 05:29	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0058	0.0011	1	10/09/23 19:31	10/10/23 05:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	68-125		1	10/09/23 19:31	10/10/23 05:29	460-00-4	
Toluene-d8 (S)	110	%	70-130		1	10/09/23 19:31	10/10/23 05:29	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	10/09/23 19:31	10/10/23 05:29	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	21.4	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	735000	mg/kg	10.0	10.0	1		10/08/23 16:58		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	4.1	%	0.10	0.10	1		10/20/23 09:31		
Total Organic Carbon	699 I	mg/kg	764	228	1		10/20/23 09:31	7440-44-0	
Total Organic Carbon	670 I	mg/kg	769	229	1		10/20/23 09:36	7440-44-0	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-003 **Lab ID: 35832847003** Collected: 10/05/23 09:15 Received: 10/06/23 11:15 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
Total Organic Carbon Analytical Method: EPA 9060 Modified Pace Analytical Services - Green Bay									
Mean Total Organic Carbon	684 I	mg/kg	766	229	1		10/20/23 09:31	7440-44-0	

Sample: 2310221-004 **Lab ID: 35832847004** Collected: 10/05/23 09:25 Received: 10/06/23 11:15 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
8081 GCS Pesticides Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach									
Aldrin	0.0013 U	mg/kg	0.013	0.0013	1	10/10/23 17:11	10/11/23 14:22	309-00-2	P1
alpha-BHC	0.00071 U	mg/kg	0.013	0.00071	1	10/10/23 17:11	10/11/23 14:22	319-84-6	P1
beta-BHC	0.0016 U	mg/kg	0.013	0.0016	1	10/10/23 17:11	10/11/23 14:22	319-85-7	P1
delta-BHC	0.00067 U	mg/kg	0.013	0.00067	1	10/10/23 17:11	10/11/23 14:22	319-86-8	P1
gamma-BHC (Lindane)	0.00038 U	mg/kg	0.013	0.00038	1	10/10/23 17:11	10/11/23 14:22	58-89-9	P1
Chlordane (Technical)	0.039 U	mg/kg	0.13	0.039	1	10/10/23 17:11	10/11/23 14:22	57-74-9	P1
4,4'-DDD	0.00058 U	mg/kg	0.013	0.00058	1	10/10/23 17:11	10/11/23 14:22	72-54-8	P1
4,4'-DDE	0.00051 U	mg/kg	0.013	0.00051	1	10/10/23 17:11	10/11/23 14:22	72-55-9	P1
4,4'-DDT	0.00078 U	mg/kg	0.013	0.00078	1	10/10/23 17:11	10/11/23 14:22	50-29-3	P1
Dieldrin	0.00050 U	mg/kg	0.013	0.00050	1	10/10/23 17:11	10/11/23 14:22	60-57-1	P1
Endosulfan I	0.0015 U	mg/kg	0.013	0.0015	1	10/10/23 17:11	10/11/23 14:22	959-98-8	P1
Endosulfan II	0.00058 U	mg/kg	0.013	0.00058	1	10/10/23 17:11	10/11/23 14:22	33213-65-9	P1
Endosulfan sulfate	0.00051 U	mg/kg	0.013	0.00051	1	10/10/23 17:11	10/11/23 14:22	1031-07-8	P1
Endrin	0.00082 U	mg/kg	0.013	0.00082	1	10/10/23 17:11	10/11/23 14:22	72-20-8	P1
Endrin aldehyde	0.00084 U	mg/kg	0.026	0.00084	1	10/10/23 17:11	10/11/23 14:22	7421-93-4	P1
Endrin ketone	0.00061 U	mg/kg	0.013	0.00061	1	10/10/23 17:11	10/11/23 14:22	53494-70-5	P1
Heptachlor	0.0014 U	mg/kg	0.013	0.0014	1	10/10/23 17:11	10/11/23 14:22	76-44-8	P1
Heptachlor epoxide	0.00056 U	mg/kg	0.013	0.00056	1	10/10/23 17:11	10/11/23 14:22	1024-57-3	P1
Methoxychlor	0.0019 U	mg/kg	0.013	0.0019	1	10/10/23 17:11	10/11/23 14:22	72-43-5	P1
Toxaphene	0.056 U	mg/kg	0.13	0.056	1	10/10/23 17:11	10/11/23 14:22	8001-35-2	P1
Surrogates									
Tetrachloro-m-xylene (S)	97	%	53-140		1	10/10/23 17:11	10/11/23 14:22	877-09-8	
Decachlorobiphenyl (S)	95	%	43-157		1	10/10/23 17:11	10/11/23 14:22	2051-24-3	

FL-PRO Soil Microwave Analytical Method: FL-PRO Preparation Method: EPA 3546
Pace Analytical Services - Ormond Beach

Petroleum Range Organics	30.8 U	mg/kg	35.8	30.8	1	10/07/23 15:59	10/09/23 19:09		P1
Surrogates									
o-Terphenyl (S)	91	%	66-136		1	10/07/23 15:59	10/09/23 19:09	84-15-1	
N-Pentatriacontane (S)	99	%	42-159		1	10/07/23 15:59	10/09/23 19:09	630-07-09	

6020 MET ICPMS Analytical Method: EPA 6020 Preparation Method: EPA 3050
Pace Analytical Services - Ormond Beach

Arsenic	0.22 U	mg/kg	1.4	0.22	20	10/11/23 07:43	10/15/23 23:36	7440-38-2	
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-004 Lab ID: 35832847004 Collected: 10/05/23 09:25 Received: 10/06/23 11:15 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
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Barium	0.41 I	mg/kg	1.4	0.26	20	10/11/23 07:43	10/15/23 23:36	7440-39-3	
Cadmium	0.037 U	mg/kg	0.17	0.037	20	10/11/23 07:43	10/15/23 23:36	7440-43-9	
Chromium	0.81 U	mg/kg	1.4	0.81	20	10/11/23 07:43	10/15/23 23:36	7440-47-3	
Copper	0.72 U	mg/kg	2.8	0.72	20	10/11/23 07:43	10/15/23 23:36	7440-50-8	
Lead	0.51 U	mg/kg	1.4	0.51	20	10/11/23 07:43	10/15/23 23:36	7439-92-1	
Selenium	0.73 U	mg/kg	1.4	0.73	20	10/11/23 07:43	10/15/23 23:36	7782-49-2	
Silver	0.054 U	mg/kg	0.17	0.054	20	10/11/23 07:43	10/15/23 23:36	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0051 U	mg/kg	0.010	0.0051	1	10/18/23 11:06	10/18/23 13:46	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.12 U	mg/kg	0.27	0.12	1	10/10/23 01:16	10/20/23 20:19	83-32-9	P1
Acenaphthylene	0.040 U	mg/kg	0.26	0.040	1	10/10/23 01:16	10/20/23 20:19	208-96-8	P1
Aniline	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/20/23 20:19	62-53-3	P1
Anthracene	0.035 U	mg/kg	0.27	0.035	1	10/10/23 01:16	10/20/23 20:19	120-12-7	P1
Benzo(a)anthracene	0.034 U	mg/kg	0.26	0.034	1	10/10/23 01:16	10/20/23 20:19	56-55-3	P1
Benzo(a)pyrene	0.063 U	mg/kg	0.26	0.063	1	10/10/23 01:16	10/20/23 20:19	50-32-8	P1
Benzo(b)fluoranthene	0.068 U	mg/kg	0.26	0.068	1	10/10/23 01:16	10/20/23 20:19	205-99-2	P1
Benzo(g,h,i)perylene	0.064 U	mg/kg	0.26	0.064	1	10/10/23 01:16	10/20/23 20:19	191-24-2	P1
Benzo(k)fluoranthene	0.068 U	mg/kg	0.26	0.068	1	10/10/23 01:16	10/20/23 20:19	207-08-9	P1
Benzyl alcohol	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/20/23 20:19	100-51-6	P1
4-Bromophenylphenyl ether	0.24 U	mg/kg	1.3	0.24	1	10/10/23 01:16	10/20/23 20:19	101-55-3	P1
Butylbenzylphthalate	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/20/23 20:19	85-68-7	P1
4-Chloro-3-methylphenol	0.76 U	mg/kg	5.1	0.76	1	10/10/23 01:16	10/20/23 20:19	59-50-7	P1
4-Chloroaniline	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/20/23 20:19	106-47-8	P1
bis(2-Chloroethoxy)methane	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 20:19	111-91-1	P1
bis(2-Chloroethyl) ether	0.083 U	mg/kg	1.3	0.083	1	10/10/23 01:16	10/20/23 20:19	111-44-4	P1
bis(2-Chloroisopropyl) ether	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/20/23 20:19	108-60-1	P1
2-Chloronaphthalene	0.060 U	mg/kg	1.3	0.060	1	10/10/23 01:16	10/20/23 20:19	91-58-7	P1
2-Chlorophenol	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/20/23 20:19	95-57-8	P1
4-Chlorophenylphenyl ether	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 20:19	7005-72-3	P1
Chrysene	0.034 U	mg/kg	0.26	0.034	1	10/10/23 01:16	10/20/23 20:19	218-01-9	P1
Dibenz(a,h)anthracene	0.059 U	mg/kg	0.26	0.059	1	10/10/23 01:16	10/20/23 20:19	53-70-3	P1
Dibenzofuran	0.17 U	mg/kg	1.3	0.17	1	10/10/23 01:16	10/20/23 20:19	132-64-9	P1
1,2-Dichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 20:19	95-50-1	P1
1,3-Dichlorobenzene	0.25 U	mg/kg	1.3	0.25	1	10/10/23 01:16	10/20/23 20:19	541-73-1	P1
1,4-Dichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 20:19	106-46-7	P1
3,3'-Dichlorobenzidine	0.25 U	mg/kg	5.1	0.25	1	10/10/23 01:16	10/20/23 20:19	91-94-1	P1
2,4-Dichlorophenol	0.057 U	mg/kg	1.3	0.057	1	10/10/23 01:16	10/20/23 20:19	120-83-2	P1
Diethylphthalate	0.43 U	mg/kg	1.3	0.43	1	10/10/23 01:16	10/20/23 20:19	84-66-2	P1
2,4-Dimethylphenol	0.23 U	mg/kg	1.3	0.23	1	10/10/23 01:16	10/20/23 20:19	105-67-9	P1

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-004 Lab ID: 35832847004 Collected: 10/05/23 09:25 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Dimethylphthalate	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/20/23 20:19	131-11-3	P1
Di-n-butylphthalate	1.0 U	mg/kg	1.3	1.0	1	10/10/23 01:16	10/20/23 20:19	84-74-2	P1
4,6-Dinitro-2-methylphenol	1.7 U	mg/kg	5.1	1.7	1	10/10/23 01:16	10/20/23 20:19	534-52-1	P1
2,4-Dinitrophenol	0.76 U	mg/kg	5.1	0.76	1	10/10/23 01:16	10/20/23 20:19	51-28-5	P1
2,4-Dinitrotoluene	0.17 U	mg/kg	1.3	0.17	1	10/10/23 01:16	10/20/23 20:19	121-14-2	P1
2,6-Dinitrotoluene	0.062 U	mg/kg	1.3	0.062	1	10/10/23 01:16	10/20/23 20:19	606-20-2	P1
Di-n-octylphthalate	0.31 U	mg/kg	1.3	0.31	1	10/10/23 01:16	10/20/23 20:19	117-84-0	P1
1,2-Diphenylhydrazine	0.28 U	mg/kg	1.3	0.28	1	10/10/23 01:16	10/20/23 20:19	122-66-7	P1
bis(2-Ethylhexyl)phthalate	0.26 U	mg/kg	1.3	0.26	1	10/10/23 01:16	10/20/23 20:19	117-81-7	P1
Fluoranthene	0.083 U	mg/kg	0.26	0.083	1	10/10/23 01:16	10/20/23 20:19	206-44-0	P1
Fluorene	0.091 U	mg/kg	0.28	0.091	1	10/10/23 01:16	10/20/23 20:19	86-73-7	P1
Hexachloro-1,3-butadiene	0.091 U	mg/kg	1.3	0.091	1	10/10/23 01:16	10/20/23 20:19	87-68-3	P1
Hexachlorobenzene	0.050 U	mg/kg	1.3	0.050	1	10/10/23 01:16	10/20/23 20:19	118-74-1	P1
Hexachlorocyclopentadiene	0.93 U	mg/kg	5.1	0.93	1	10/10/23 01:16	10/20/23 20:19	77-47-4	J(v2),P1
Hexachloroethane	0.20 U	mg/kg	1.3	0.20	1	10/10/23 01:16	10/20/23 20:19	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.058 U	mg/kg	0.26	0.058	1	10/10/23 01:16	10/20/23 20:19	193-39-5	P1
Isophorone	0.22 U	mg/kg	1.3	0.22	1	10/10/23 01:16	10/20/23 20:19	78-59-1	P1
1-Methylnaphthalene	0.042 U	mg/kg	0.30	0.042	1	10/10/23 01:16	10/20/23 20:19	90-12-0	P1
2-Methylnaphthalene	0.040 U	mg/kg	0.29	0.040	1	10/10/23 01:16	10/20/23 20:19	91-57-6	P1
2-Methylphenol(o-Cresol)	0.061 U	mg/kg	1.3	0.061	1	10/10/23 01:16	10/20/23 20:19	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.058 U	mg/kg	1.3	0.058	1	10/10/23 01:16	10/20/23 20:19		P1
Naphthalene	0.091 U	mg/kg	0.26	0.091	1	10/10/23 01:16	10/20/23 20:19	91-20-3	P1
2-Nitroaniline	0.32 U	mg/kg	1.3	0.32	1	10/10/23 01:16	10/20/23 20:19	88-74-4	P1
3-Nitroaniline	0.28 U	mg/kg	1.3	0.28	1	10/10/23 01:16	10/20/23 20:19	99-09-2	P1
4-Nitroaniline	0.064 U	mg/kg	1.3	0.064	1	10/10/23 01:16	10/20/23 20:19	100-01-6	P1
Nitrobenzene	0.085 U	mg/kg	1.3	0.085	1	10/10/23 01:16	10/20/23 20:19	98-95-3	P1
2-Nitrophenol	0.41 U	mg/kg	1.3	0.41	1	10/10/23 01:16	10/20/23 20:19	88-75-5	P1
4-Nitrophenol	0.55 U	mg/kg	1.6	0.55	1	10/10/23 01:16	10/20/23 20:19	100-02-7	P1
N-Nitrosodimethylamine	0.083 U	mg/kg	1.3	0.083	1	10/10/23 01:16	10/20/23 20:19	62-75-9	P1
N-Nitroso-di-n-propylamine	0.050 U	mg/kg	1.3	0.050	1	10/10/23 01:16	10/20/23 20:19	621-64-7	P1
N-Nitrosodiphenylamine	0.17 U	mg/kg	1.3	0.17	1	10/10/23 01:16	10/20/23 20:19	86-30-6	P1
Pentachlorophenol	0.66 U	mg/kg	5.1	0.66	1	10/10/23 01:16	10/20/23 20:19	87-86-5	P1
Phenanthrene	0.036 U	mg/kg	0.26	0.036	1	10/10/23 01:16	10/20/23 20:19	85-01-8	P1
Phenol	0.24 U	mg/kg	1.3	0.24	1	10/10/23 01:16	10/20/23 20:19	108-95-2	P1
Pyrene	0.075 U	mg/kg	0.26	0.075	1	10/10/23 01:16	10/20/23 20:19	129-00-0	P1
1,2,4-Trichlorobenzene	0.18 U	mg/kg	1.3	0.18	1	10/10/23 01:16	10/20/23 20:19	120-82-1	P1
2,4,5-Trichlorophenol	0.051 U	mg/kg	1.3	0.051	1	10/10/23 01:16	10/20/23 20:19	95-95-4	P1
2,4,6-Trichlorophenol	0.070 U	mg/kg	1.3	0.070	1	10/10/23 01:16	10/20/23 20:19	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	77	%	24-98		1	10/10/23 01:16	10/20/23 20:19	4165-60-0	
2-Fluorobiphenyl (S)	77	%	29-101		1	10/10/23 01:16	10/20/23 20:19	321-60-8	
p-Terphenyl-d14 (S)	89	%	29-112		1	10/10/23 01:16	10/20/23 20:19	1718-51-0	
Phenol-d6 (S)	72	%	10-104		1	10/10/23 01:16	10/20/23 20:19	13127-88-3	
2-Fluorophenol (S)	73	%	19-95		1	10/10/23 01:16	10/20/23 20:19	367-12-4	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-004 Lab ID: 35832847004 Collected: 10/05/23 09:25 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	74	%	23-110		1	10/10/23 01:16	10/20/23 20:19	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.18	mg/kg	0.053	0.023	1	10/09/23 19:31	10/10/23 05:52	67-64-1	
Acetonitrile	0.016 U	mg/kg	0.053	0.016	1	10/09/23 19:31	10/10/23 05:52	75-05-8	
Benzene	0.0011 U	mg/kg	0.0053	0.0011	1	10/09/23 19:31	10/10/23 05:52	71-43-2	
Bromochloromethane	0.00079 U	mg/kg	0.0053	0.00079	1	10/09/23 19:31	10/10/23 05:52	74-97-5	J(v1)
Bromodichloromethane	0.0012 U	mg/kg	0.0053	0.0012	1	10/09/23 19:31	10/10/23 05:52	75-27-4	
Bromoform	0.0012 U	mg/kg	0.0053	0.0012	1	10/09/23 19:31	10/10/23 05:52	75-25-2	
Bromomethane	0.0019 U	mg/kg	0.0053	0.0019	1	10/09/23 19:31	10/10/23 05:52	74-83-9	
2-Butanone (MEK)	0.0053 U	mg/kg	0.053	0.0053	1	10/09/23 19:31	10/10/23 05:52	78-93-3	
Carbon disulfide	0.0027 U	mg/kg	0.0053	0.0027	1	10/09/23 19:31	10/10/23 05:52	75-15-0	J(v1)
Carbon tetrachloride	0.0013 U	mg/kg	0.0053	0.0013	1	10/09/23 19:31	10/10/23 05:52	56-23-5	
Chlorobenzene	0.00099 U	mg/kg	0.0053	0.00099	1	10/09/23 19:31	10/10/23 05:52	108-90-7	
Chloroethane	0.0022 U	mg/kg	0.0053	0.0022	1	10/09/23 19:31	10/10/23 05:52	75-00-3	
Chloroform	0.0019 U	mg/kg	0.0053	0.0019	1	10/09/23 19:31	10/10/23 05:52	67-66-3	
Chloromethane	0.0021 U	mg/kg	0.0053	0.0021	1	10/09/23 19:31	10/10/23 05:52	74-87-3	
1,2-Dibromo-3-chloropropane	0.0013 U	mg/kg	0.0053	0.0013	1	10/09/23 19:31	10/10/23 05:52	96-12-8	
Dibromochloromethane	0.00092 U	mg/kg	0.0053	0.00092	1	10/09/23 19:31	10/10/23 05:52	124-48-1	
1,2-Dibromoethane (EDB)	0.00079 U	mg/kg	0.0053	0.00079	1	10/09/23 19:31	10/10/23 05:52	106-93-4	
Dibromomethane	0.00075 U	mg/kg	0.0053	0.00075	1	10/09/23 19:31	10/10/23 05:52	74-95-3	J(v1)
1,2-Dichlorobenzene	0.00081 U	mg/kg	0.0053	0.00081	1	10/09/23 19:31	10/10/23 05:52	95-50-1	
1,4-Dichlorobenzene	0.00071 U	mg/kg	0.0053	0.00071	1	10/09/23 19:31	10/10/23 05:52	106-46-7	
trans-1,4-Dichloro-2-butene	0.0013 U	mg/kg	0.0053	0.0013	1	10/09/23 19:31	10/10/23 05:52	110-57-6	
1,1-Dichloroethane	0.0010 U	mg/kg	0.0053	0.0010	1	10/09/23 19:31	10/10/23 05:52	75-34-3	
1,2-Dichloroethane	0.00082 U	mg/kg	0.0053	0.00082	1	10/09/23 19:31	10/10/23 05:52	107-06-2	
1,2-Dichloroethene (Total)	0.0032 U	mg/kg	0.0053	0.0032	1	10/09/23 19:31	10/10/23 05:52	540-59-0	
1,1-Dichloroethene	0.0027 U	mg/kg	0.0053	0.0027	1	10/09/23 19:31	10/10/23 05:52	75-35-4	
cis-1,2-Dichloroethene	0.0012 U	mg/kg	0.0053	0.0012	1	10/09/23 19:31	10/10/23 05:52	156-59-2	
trans-1,2-Dichloroethene	0.0014 U	mg/kg	0.0053	0.0014	1	10/09/23 19:31	10/10/23 05:52	156-60-5	
1,2-Dichloropropane	0.00098 U	mg/kg	0.0053	0.00098	1	10/09/23 19:31	10/10/23 05:52	78-87-5	
cis-1,3-Dichloropropene	0.0011 U	mg/kg	0.0053	0.0011	1	10/09/23 19:31	10/10/23 05:52	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0053	0.0011	1	10/09/23 19:31	10/10/23 05:52	10061-02-6	
Ethylbenzene	0.0013 U	mg/kg	0.0053	0.0013	1	10/09/23 19:31	10/10/23 05:52	100-41-4	
2-Hexanone	0.0053 U	mg/kg	0.027	0.0053	1	10/09/23 19:31	10/10/23 05:52	591-78-6	
Iodomethane	0.0012 U	mg/kg	0.011	0.0012	1	10/09/23 19:31	10/10/23 05:52	74-88-4	
Isopropylbenzene (Cumene)	0.0014 U	mg/kg	0.0053	0.0014	1	10/09/23 19:31	10/10/23 05:52	98-82-8	
Methylene Chloride	0.0047 U	mg/kg	0.0053	0.0047	1	10/09/23 19:31	10/10/23 05:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0053 U	mg/kg	0.027	0.0053	1	10/09/23 19:31	10/10/23 05:52	108-10-1	
Methyl-tert-butyl ether	0.0016 U	mg/kg	0.0053	0.0016	1	10/09/23 19:31	10/10/23 05:52	1634-04-4	
Styrene	0.0027 U	mg/kg	0.0053	0.0027	1	10/09/23 19:31	10/10/23 05:52	100-42-5	
1,1,1,2-Tetrachloroethane	0.0011 U	mg/kg	0.0053	0.0011	1	10/09/23 19:31	10/10/23 05:52	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-004 **Lab ID: 35832847004** Collected: 10/05/23 09:25 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,2,2-Tetrachloroethane	0.00065 U	mg/kg	0.0053	0.00065	1	10/09/23 19:31	10/10/23 05:52	79-34-5	
Tetrachloroethene	0.0013 U	mg/kg	0.0053	0.0013	1	10/09/23 19:31	10/10/23 05:52	127-18-4	
Toluene	0.0021 U	mg/kg	0.0053	0.0021	1	10/09/23 19:31	10/10/23 05:52	108-88-3	
1,1,1-Trichloroethane	0.0014 U	mg/kg	0.0053	0.0014	1	10/09/23 19:31	10/10/23 05:52	71-55-6	
1,1,2-Trichloroethane	0.00063 U	mg/kg	0.0053	0.00063	1	10/09/23 19:31	10/10/23 05:52	79-00-5	
Trichloroethene	0.0013 U	mg/kg	0.0053	0.0013	1	10/09/23 19:31	10/10/23 05:52	79-01-6	
Trichlorofluoromethane	0.0027 U	mg/kg	0.0053	0.0027	1	10/09/23 19:31	10/10/23 05:52	75-69-4	
1,2,3-Trichloropropane	0.0016 U	mg/kg	0.0053	0.0016	1	10/09/23 19:31	10/10/23 05:52	96-18-4	
Vinyl acetate	0.0017 U	mg/kg	0.0053	0.0017	1	10/09/23 19:31	10/10/23 05:52	108-05-4	
Vinyl chloride	0.0022 U	mg/kg	0.0053	0.0022	1	10/09/23 19:31	10/10/23 05:52	75-01-4	
Xylene (Total)	0.0055 U	mg/kg	0.016	0.0055	1	10/09/23 19:31	10/10/23 05:52	1330-20-7	
m&p-Xylene	0.0055 U	mg/kg	0.011	0.0055	1	10/09/23 19:31	10/10/23 05:52	179601-23-1	
o-Xylene	0.0010 U	mg/kg	0.0053	0.0010	1	10/09/23 19:31	10/10/23 05:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	68-125		1	10/09/23 19:31	10/10/23 05:52	460-00-4	
Toluene-d8 (S)	105	%	70-130		1	10/09/23 19:31	10/10/23 05:52	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	10/09/23 19:31	10/10/23 05:52	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	21.9	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	751000	mg/kg	10.0	10.0	1		10/08/23 16:58		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	2.4	%	0.10	0.10	1		10/20/23 09:42		
Total Organic Carbon	666 I	mg/kg	771	230	1		10/20/23 09:42	7440-44-0	
Total Organic Carbon	682 I	mg/kg	772	230	1		10/20/23 09:48	7440-44-0	
Mean Total Organic Carbon	674 I	mg/kg	772	230	1		10/20/23 09:42	7440-44-0	

Sample: 2310221-005 **Lab ID: 35832847005** Collected: 10/05/23 10:25 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Aldrin	0.0013 U	mg/kg	0.013	0.0013	1	10/10/23 17:11	10/11/23 14:35	309-00-2	P1

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-005 Lab ID: 35832847005 Collected: 10/05/23 10:25 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
alpha-BHC	0.00072 U	mg/kg	0.013	0.00072	1	10/10/23 17:11	10/11/23 14:35	319-84-6	P1
beta-BHC	0.0016 U	mg/kg	0.013	0.0016	1	10/10/23 17:11	10/11/23 14:35	319-85-7	P1
delta-BHC	0.00067 U	mg/kg	0.013	0.00067	1	10/10/23 17:11	10/11/23 14:35	319-86-8	P1
gamma-BHC (Lindane)	0.00038 U	mg/kg	0.013	0.00038	1	10/10/23 17:11	10/11/23 14:35	58-89-9	P1
Chlordane (Technical)	0.039 U	mg/kg	0.13	0.039	1	10/10/23 17:11	10/11/23 14:35	57-74-9	P1
4,4'-DDD	0.00059 U	mg/kg	0.013	0.00059	1	10/10/23 17:11	10/11/23 14:35	72-54-8	P1
4,4'-DDE	0.00052 U	mg/kg	0.013	0.00052	1	10/10/23 17:11	10/11/23 14:35	72-55-9	P1
4,4'-DDT	0.00079 U	mg/kg	0.013	0.00079	1	10/10/23 17:11	10/11/23 14:35	50-29-3	P1
Dieldrin	0.00050 U	mg/kg	0.013	0.00050	1	10/10/23 17:11	10/11/23 14:35	60-57-1	P1
Endosulfan I	0.0015 U	mg/kg	0.013	0.0015	1	10/10/23 17:11	10/11/23 14:35	959-98-8	P1
Endosulfan II	0.00059 U	mg/kg	0.013	0.00059	1	10/10/23 17:11	10/11/23 14:35	33213-65-9	P1
Endosulfan sulfate	0.00052 U	mg/kg	0.013	0.00052	1	10/10/23 17:11	10/11/23 14:35	1031-07-8	P1
Endrin	0.00082 U	mg/kg	0.013	0.00082	1	10/10/23 17:11	10/11/23 14:35	72-20-8	P1
Endrin aldehyde	0.00085 U	mg/kg	0.026	0.00085	1	10/10/23 17:11	10/11/23 14:35	7421-93-4	P1
Endrin ketone	0.00061 U	mg/kg	0.013	0.00061	1	10/10/23 17:11	10/11/23 14:35	53494-70-5	P1
Heptachlor	0.0014 U	mg/kg	0.013	0.0014	1	10/10/23 17:11	10/11/23 14:35	76-44-8	P1
Heptachlor epoxide	0.00056 U	mg/kg	0.013	0.00056	1	10/10/23 17:11	10/11/23 14:35	1024-57-3	P1
Methoxychlor	0.0019 U	mg/kg	0.013	0.0019	1	10/10/23 17:11	10/11/23 14:35	72-43-5	P1
Toxaphene	0.057 U	mg/kg	0.13	0.057	1	10/10/23 17:11	10/11/23 14:35	8001-35-2	P1
Surrogates									
Tetrachloro-m-xylene (S)	92	%	53-140		1	10/10/23 17:11	10/11/23 14:35	877-09-8	
Decachlorobiphenyl (S)	94	%	43-157		1	10/10/23 17:11	10/11/23 14:35	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	30.8 U	mg/kg	35.8	30.8	1	10/07/23 15:59	10/09/23 19:23		P1
Surrogates									
o-Terphenyl (S)	78	%	66-136		1	10/07/23 15:59	10/09/23 19:23	84-15-1	
N-Pentatriacontane (S)	88	%	42-159		1	10/07/23 15:59	10/09/23 19:23	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.24 U	mg/kg	1.5	0.24	20	10/11/23 07:43	10/15/23 23:39	7440-38-2	
Barium	1.2 I	mg/kg	1.5	0.28	20	10/11/23 07:43	10/15/23 23:39	7440-39-3	
Cadmium	0.048 I	mg/kg	0.18	0.039	20	10/11/23 07:43	10/15/23 23:39	7440-43-9	
Chromium	0.87 U	mg/kg	1.5	0.87	20	10/11/23 07:43	10/15/23 23:39	7440-47-3	
Copper	0.77 U	mg/kg	3.0	0.77	20	10/11/23 07:43	10/15/23 23:39	7440-50-8	
Lead	0.73 I	mg/kg	1.5	0.55	20	10/11/23 07:43	10/15/23 23:39	7439-92-1	
Selenium	0.78 U	mg/kg	1.5	0.78	20	10/11/23 07:43	10/15/23 23:39	7782-49-2	
Silver	0.058 U	mg/kg	0.18	0.058	20	10/11/23 07:43	10/15/23 23:39	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.013	mg/kg	0.0097	0.0049	1	10/18/23 11:06	10/18/23 13:48	7439-97-6	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-005 Lab ID: 35832847005 Collected: 10/05/23 10:25 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.11 U	mg/kg	0.26	0.11	1	10/10/23 18:17	10/20/23 16:30	83-32-9	P1
Acenaphthylene	0.038 U	mg/kg	0.24	0.038	1	10/10/23 18:17	10/20/23 16:30	208-96-8	P1
Aniline	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 16:30	62-53-3	P1
Anthracene	0.033 U	mg/kg	0.26	0.033	1	10/10/23 18:17	10/20/23 16:30	120-12-7	P1
Benzo(a)anthracene	0.032 U	mg/kg	0.24	0.032	1	10/10/23 18:17	10/20/23 16:30	56-55-3	P1
Benzo(a)pyrene	0.060 U	mg/kg	0.24	0.060	1	10/10/23 18:17	10/20/23 16:30	50-32-8	P1
Benzo(b)fluoranthene	0.065 U	mg/kg	0.24	0.065	1	10/10/23 18:17	10/20/23 16:30	205-99-2	P1
Benzo(g,h,i)perylene	0.061 U	mg/kg	0.24	0.061	1	10/10/23 18:17	10/20/23 16:30	191-24-2	P1
Benzo(k)fluoranthene	0.065 U	mg/kg	0.24	0.065	1	10/10/23 18:17	10/20/23 16:30	207-08-9	P1
Benzyl alcohol	0.25 U	mg/kg	1.2	0.25	1	10/10/23 18:17	10/20/23 16:30	100-51-6	J(L1), P1
4-Bromophenylphenyl ether	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 16:30	101-55-3	P1
Butylbenzylphthalate	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 16:30	85-68-7	J(L1), P1
4-Chloro-3-methylphenol	0.72 U	mg/kg	4.8	0.72	1	10/10/23 18:17	10/20/23 16:30	59-50-7	P1
4-Chloroaniline	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 16:30	106-47-8	P1
bis(2-Chloroethoxy)methane	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 16:30	111-91-1	J(L1), P1
bis(2-Chloroethyl) ether	0.079 U	mg/kg	1.2	0.079	1	10/10/23 18:17	10/20/23 16:30	111-44-4	J(L1), P1
bis(2-Chloroisopropyl) ether	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 16:30	108-60-1	P1
2-Chloronaphthalene	0.057 U	mg/kg	1.2	0.057	1	10/10/23 18:17	10/20/23 16:30	91-58-7	P1
2-Chlorophenol	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 16:30	95-57-8	P1
4-Chlorophenylphenyl ether	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 16:30	7005-72-3	P1
Chrysene	0.032 U	mg/kg	0.24	0.032	1	10/10/23 18:17	10/20/23 16:30	218-01-9	P1
Dibenz(a,h)anthracene	0.056 U	mg/kg	0.24	0.056	1	10/10/23 18:17	10/20/23 16:30	53-70-3	P1
Dibenzofuran	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 16:30	132-64-9	P1
1,2-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 16:30	95-50-1	J(L1), P1
1,3-Dichlorobenzene	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 16:30	541-73-1	P1
1,4-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 16:30	106-46-7	P1
3,3'-Dichlorobenzidine	0.24 U	mg/kg	4.8	0.24	1	10/10/23 18:17	10/20/23 16:30	91-94-1	P1
2,4-Dichlorophenol	0.054 U	mg/kg	1.2	0.054	1	10/10/23 18:17	10/20/23 16:30	120-83-2	P1
Diethylphthalate	0.41 U	mg/kg	1.2	0.41	1	10/10/23 18:17	10/20/23 16:30	84-66-2	P1
2,4-Dimethylphenol	0.22 U	mg/kg	1.2	0.22	1	10/10/23 18:17	10/20/23 16:30	105-67-9	P1
Dimethylphthalate	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 16:30	131-11-3	P1
Di-n-butylphthalate	0.95 U	mg/kg	1.2	0.95	1	10/10/23 18:17	10/20/23 16:30	84-74-2	J(L1), P1
4,6-Dinitro-2-methylphenol	1.6 U	mg/kg	4.8	1.6	1	10/10/23 18:17	10/20/23 16:30	534-52-1	P1
2,4-Dinitrophenol	0.72 U	mg/kg	4.8	0.72	1	10/10/23 18:17	10/20/23 16:30	51-28-5	P1
2,4-Dinitrotoluene	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 16:30	121-14-2	P1
2,6-Dinitrotoluene	0.059 U	mg/kg	1.2	0.059	1	10/10/23 18:17	10/20/23 16:30	606-20-2	P1
Di-n-octylphthalate	0.29 U	mg/kg	1.2	0.29	1	10/10/23 18:17	10/20/23 16:30	117-84-0	J(L1), P1
1,2-Diphenylhydrazine	0.27 U	mg/kg	1.2	0.27	1	10/10/23 18:17	10/20/23 16:30	122-66-7	J(L1), P1

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-005 Lab ID: 35832847005 Collected: 10/05/23 10:25 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
bis(2-Ethylhexyl)phthalate	0.25 U	mg/kg	1.2	0.25	1	10/10/23 18:17	10/20/23 16:30	117-81-7	J(L1), P1
Fluoranthene	0.079 U	mg/kg	0.24	0.079	1	10/10/23 18:17	10/20/23 16:30	206-44-0	P1
Fluorene	0.086 U	mg/kg	0.27	0.086	1	10/10/23 18:17	10/20/23 16:30	86-73-7	P1
Hexachloro-1,3-butadiene	0.086 U	mg/kg	1.2	0.086	1	10/10/23 18:17	10/20/23 16:30	87-68-3	P1
Hexachlorobenzene	0.048 U	mg/kg	1.2	0.048	1	10/10/23 18:17	10/20/23 16:30	118-74-1	P1
Hexachlorocyclopentadiene	0.88 U	mg/kg	4.8	0.88	1	10/10/23 18:17	10/20/23 16:30	77-47-4	J(v2),P1
Hexachloroethane	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 16:30	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.055 U	mg/kg	0.24	0.055	1	10/10/23 18:17	10/20/23 16:30	193-39-5	P1
Isophorone	0.21 U	mg/kg	1.2	0.21	1	10/10/23 18:17	10/20/23 16:30	78-59-1	J(L1), P1
1-Methylnaphthalene	0.040 U	mg/kg	0.29	0.040	1	10/10/23 18:17	10/20/23 16:30	90-12-0	P1
2-Methylnaphthalene	0.038 U	mg/kg	0.28	0.038	1	10/10/23 18:17	10/20/23 16:30	91-57-6	P1
2-Methylphenol(o-Cresol)	0.058 U	mg/kg	1.2	0.058	1	10/10/23 18:17	10/20/23 16:30	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.055 U	mg/kg	1.2	0.055	1	10/10/23 18:17	10/20/23 16:30		P1
Naphthalene	0.086 U	mg/kg	0.25	0.086	1	10/10/23 18:17	10/20/23 16:30	91-20-3	P1
2-Nitroaniline	0.30 U	mg/kg	1.2	0.30	1	10/10/23 18:17	10/20/23 16:30	88-74-4	P1
3-Nitroaniline	0.27 U	mg/kg	1.2	0.27	1	10/10/23 18:17	10/20/23 16:30	99-09-2	J(L1), P1
4-Nitroaniline	0.061 U	mg/kg	1.2	0.061	1	10/10/23 18:17	10/20/23 16:30	100-01-6	P1
Nitrobenzene	0.081 U	mg/kg	1.2	0.081	1	10/10/23 18:17	10/20/23 16:30	98-95-3	J(L1), P1
2-Nitrophenol	0.39 U	mg/kg	1.2	0.39	1	10/10/23 18:17	10/20/23 16:30	88-75-5	P1
4-Nitrophenol	0.52 U	mg/kg	1.6	0.52	1	10/10/23 18:17	10/20/23 16:30	100-02-7	P1
N-Nitrosodimethylamine	0.079 U	mg/kg	1.2	0.079	1	10/10/23 18:17	10/20/23 16:30	62-75-9	J(L1), P1
N-Nitroso-di-n-propylamine	0.047 U	mg/kg	1.2	0.047	1	10/10/23 18:17	10/20/23 16:30	621-64-7	J(L1), P1
N-Nitrosodiphenylamine	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 16:30	86-30-6	J(L1), P1
Pentachlorophenol	0.62 U	mg/kg	4.8	0.62	1	10/10/23 18:17	10/20/23 16:30	87-86-5	P1
Phenanthrene	0.034 U	mg/kg	0.24	0.034	1	10/10/23 18:17	10/20/23 16:30	85-01-8	P1
Phenol	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 16:30	108-95-2	P1
Pyrene	0.071 U	mg/kg	0.24	0.071	1	10/10/23 18:17	10/20/23 16:30	129-00-0	P1
1,2,4-Trichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 16:30	120-82-1	P1
2,4,5-Trichlorophenol	0.048 U	mg/kg	1.2	0.048	1	10/10/23 18:17	10/20/23 16:30	95-95-4	P1
2,4,6-Trichlorophenol	0.066 U	mg/kg	1.2	0.066	1	10/10/23 18:17	10/20/23 16:30	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	82	%	24-98		1	10/10/23 18:17	10/20/23 16:30	4165-60-0	
2-Fluorobiphenyl (S)	70	%	29-101		1	10/10/23 18:17	10/20/23 16:30	321-60-8	
p-Terphenyl-d14 (S)	59	%	29-112		1	10/10/23 18:17	10/20/23 16:30	1718-51-0	
Phenol-d6 (S)	78	%	10-104		1	10/10/23 18:17	10/20/23 16:30	13127-88-3	
2-Fluorophenol (S)	79	%	19-95		1	10/10/23 18:17	10/20/23 16:30	367-12-4	
2,4,6-Tribromophenol (S)	73	%	23-110		1	10/10/23 18:17	10/20/23 16:30	118-79-6	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-005 Lab ID: 35832847005 Collected: 10/05/23 10:25 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.19	mg/kg	0.059	0.026	1	10/09/23 19:31	10/10/23 06:15	67-64-1	
Acetonitrile	0.017 U	mg/kg	0.059	0.017	1	10/09/23 19:31	10/10/23 06:15	75-05-8	
Benzene	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 06:15	71-43-2	
Bromochloromethane	0.00087 U	mg/kg	0.0059	0.00087	1	10/09/23 19:31	10/10/23 06:15	74-97-5	J(v1)
Bromodichloromethane	0.0013 U	mg/kg	0.0059	0.0013	1	10/09/23 19:31	10/10/23 06:15	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0059	0.0013	1	10/09/23 19:31	10/10/23 06:15	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0059	0.0021	1	10/09/23 19:31	10/10/23 06:15	74-83-9	
2-Butanone (MEK)	0.0059 U	mg/kg	0.059	0.0059	1	10/09/23 19:31	10/10/23 06:15	78-93-3	
Carbon disulfide	0.0029 U	mg/kg	0.0059	0.0029	1	10/09/23 19:31	10/10/23 06:15	75-15-0	J(v1)
Carbon tetrachloride	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 06:15	56-23-5	
Chlorobenzene	0.0011 U	mg/kg	0.0059	0.0011	1	10/09/23 19:31	10/10/23 06:15	108-90-7	
Chloroethane	0.0025 U	mg/kg	0.0059	0.0025	1	10/09/23 19:31	10/10/23 06:15	75-00-3	
Chloroform	0.0021 U	mg/kg	0.0059	0.0021	1	10/09/23 19:31	10/10/23 06:15	67-66-3	
Chloromethane	0.0023 U	mg/kg	0.0059	0.0023	1	10/09/23 19:31	10/10/23 06:15	74-87-3	
1,2-Dibromo-3-chloropropane	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 06:15	96-12-8	
Dibromochloromethane	0.0010 U	mg/kg	0.0059	0.0010	1	10/09/23 19:31	10/10/23 06:15	124-48-1	
1,2-Dibromoethane (EDB)	0.00087 U	mg/kg	0.0059	0.00087	1	10/09/23 19:31	10/10/23 06:15	106-93-4	
Dibromomethane	0.00083 U	mg/kg	0.0059	0.00083	1	10/09/23 19:31	10/10/23 06:15	74-95-3	J(v1)
1,2-Dichlorobenzene	0.00089 U	mg/kg	0.0059	0.00089	1	10/09/23 19:31	10/10/23 06:15	95-50-1	
1,4-Dichlorobenzene	0.00079 U	mg/kg	0.0059	0.00079	1	10/09/23 19:31	10/10/23 06:15	106-46-7	
trans-1,4-Dichloro-2-butene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 06:15	110-57-6	
1,1-Dichloroethane	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 06:15	75-34-3	
1,2-Dichloroethane	0.00090 U	mg/kg	0.0059	0.00090	1	10/09/23 19:31	10/10/23 06:15	107-06-2	
1,2-Dichloroethene (Total)	0.0036 U	mg/kg	0.0059	0.0036	1	10/09/23 19:31	10/10/23 06:15	540-59-0	
1,1-Dichloroethene	0.0029 U	mg/kg	0.0059	0.0029	1	10/09/23 19:31	10/10/23 06:15	75-35-4	
cis-1,2-Dichloroethene	0.0013 U	mg/kg	0.0059	0.0013	1	10/09/23 19:31	10/10/23 06:15	156-59-2	
trans-1,2-Dichloroethene	0.0015 U	mg/kg	0.0059	0.0015	1	10/09/23 19:31	10/10/23 06:15	156-60-5	
1,2-Dichloropropane	0.0011 U	mg/kg	0.0059	0.0011	1	10/09/23 19:31	10/10/23 06:15	78-87-5	
cis-1,3-Dichloropropene	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 06:15	10061-01-5	
trans-1,3-Dichloropropene	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 06:15	10061-02-6	
Ethylbenzene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 06:15	100-41-4	
2-Hexanone	0.0059 U	mg/kg	0.029	0.0059	1	10/09/23 19:31	10/10/23 06:15	591-78-6	
Iodomethane	0.0013 U	mg/kg	0.012	0.0013	1	10/09/23 19:31	10/10/23 06:15	74-88-4	
Isopropylbenzene (Cumene)	0.0015 U	mg/kg	0.0059	0.0015	1	10/09/23 19:31	10/10/23 06:15	98-82-8	
Methylene Chloride	0.0052 U	mg/kg	0.0059	0.0052	1	10/09/23 19:31	10/10/23 06:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0059 U	mg/kg	0.029	0.0059	1	10/09/23 19:31	10/10/23 06:15	108-10-1	
Methyl-tert-butyl ether	0.0018 U	mg/kg	0.0059	0.0018	1	10/09/23 19:31	10/10/23 06:15	1634-04-4	
Styrene	0.0029 U	mg/kg	0.0059	0.0029	1	10/09/23 19:31	10/10/23 06:15	100-42-5	
1,1,1,2-Tetrachloroethane	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 06:15	630-20-6	
1,1,1,2-Tetrachloroethane	0.00072 U	mg/kg	0.0059	0.00072	1	10/09/23 19:31	10/10/23 06:15	79-34-5	
Tetrachloroethene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 06:15	127-18-4	
Toluene	0.0023 U	mg/kg	0.0059	0.0023	1	10/09/23 19:31	10/10/23 06:15	108-88-3	
1,1,1-Trichloroethane	0.0015 U	mg/kg	0.0059	0.0015	1	10/09/23 19:31	10/10/23 06:15	71-55-6	
1,1,2-Trichloroethane	0.00069 U	mg/kg	0.0059	0.00069	1	10/09/23 19:31	10/10/23 06:15	79-00-5	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-005 Lab ID: 35832847005 Collected: 10/05/23 10:25 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Trichloroethene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 06:15	79-01-6	
Trichlorofluoromethane	0.0029 U	mg/kg	0.0059	0.0029	1	10/09/23 19:31	10/10/23 06:15	75-69-4	
1,2,3-Trichloropropane	0.0018 U	mg/kg	0.0059	0.0018	1	10/09/23 19:31	10/10/23 06:15	96-18-4	
Vinyl acetate	0.0019 U	mg/kg	0.0059	0.0019	1	10/09/23 19:31	10/10/23 06:15	108-05-4	
Vinyl chloride	0.0025 U	mg/kg	0.0059	0.0025	1	10/09/23 19:31	10/10/23 06:15	75-01-4	
Xylene (Total)	0.0060 U	mg/kg	0.018	0.0060	1	10/09/23 19:31	10/10/23 06:15	1330-20-7	
m&p-Xylene	0.0060 U	mg/kg	0.012	0.0060	1	10/09/23 19:31	10/10/23 06:15	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0059	0.0011	1	10/09/23 19:31	10/10/23 06:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	68-125		1	10/09/23 19:31	10/10/23 06:15	460-00-4	
Toluene-d8 (S)	110	%	70-130		1	10/09/23 19:31	10/10/23 06:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	10/09/23 19:31	10/10/23 06:15	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	20.9	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	761000	mg/kg	10.0	10.0	1		10/08/23 16:58		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	10.3	%	0.10	0.10	1		10/20/23 09:53		
Total Organic Carbon	7710	mg/kg	757	226	1		10/20/23 09:53	7440-44-0	
Total Organic Carbon	6950	mg/kg	758	226	1		10/20/23 10:00	7440-44-0	
Mean Total Organic Carbon	7330	mg/kg	757	226	1		10/20/23 09:53	7440-44-0	

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Aldrin	0.00020 U	mg/kg	0.0020	0.00020	1	10/10/23 17:11	10/11/23 14:48	309-00-2	
alpha-BHC	0.00011 U	mg/kg	0.0020	0.00011	1	10/10/23 17:11	10/11/23 14:48	319-84-6	
beta-BHC	0.00025 U	mg/kg	0.0020	0.00025	1	10/10/23 17:11	10/11/23 14:48	319-85-7	
delta-BHC	0.00010 U	mg/kg	0.0020	0.00010	1	10/10/23 17:11	10/11/23 14:48	319-86-8	
gamma-BHC (Lindane)	0.000059 U	mg/kg	0.0020	0.000059	1	10/10/23 17:11	10/11/23 14:48	58-89-9	
Chlordane (Technical)	0.0061 U	mg/kg	0.020	0.0061	1	10/10/23 17:11	10/11/23 14:48	57-74-9	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
4,4'-DDD	0.000091 U	mg/kg	0.0020	0.000091	1	10/10/23 17:11	10/11/23 14:48	72-54-8	
4,4'-DDE	0.000081 U	mg/kg	0.0020	0.000081	1	10/10/23 17:11	10/11/23 14:48	72-55-9	
4,4'-DDT	0.00012 U	mg/kg	0.0020	0.00012	1	10/10/23 17:11	10/11/23 14:48	50-29-3	
Dieldrin	0.000078 U	mg/kg	0.0020	0.000078	1	10/10/23 17:11	10/11/23 14:48	60-57-1	
Endosulfan I	0.00023 U	mg/kg	0.0020	0.00023	1	10/10/23 17:11	10/11/23 14:48	959-98-8	
Endosulfan II	0.000091 U	mg/kg	0.0020	0.000091	1	10/10/23 17:11	10/11/23 14:48	33213-65-9	
Endosulfan sulfate	0.000081 U	mg/kg	0.0020	0.000081	1	10/10/23 17:11	10/11/23 14:48	1031-07-8	
Endrin	0.00013 U	mg/kg	0.0020	0.00013	1	10/10/23 17:11	10/11/23 14:48	72-20-8	
Endrin aldehyde	0.00013 U	mg/kg	0.0041	0.00013	1	10/10/23 17:11	10/11/23 14:48	7421-93-4	
Endrin ketone	0.000095 U	mg/kg	0.0020	0.000095	1	10/10/23 17:11	10/11/23 14:48	53494-70-5	
Heptachlor	0.00022 U	mg/kg	0.0020	0.00022	1	10/10/23 17:11	10/11/23 14:48	76-44-8	
Heptachlor epoxide	0.000088 U	mg/kg	0.0020	0.000088	1	10/10/23 17:11	10/11/23 14:48	1024-57-3	
Methoxychlor	0.00030 U	mg/kg	0.0020	0.00030	1	10/10/23 17:11	10/11/23 14:48	72-43-5	
Toxaphene	0.0088 U	mg/kg	0.020	0.0088	1	10/10/23 17:11	10/11/23 14:48	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	90	%	53-140		1	10/10/23 17:11	10/11/23 14:48	877-09-8	
Decachlorobiphenyl (S)	73	%	43-157		1	10/10/23 17:11	10/11/23 14:48	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	15.1 U	mg/kg	17.6	15.1	1	10/07/23 15:59	10/09/23 19:36		P1
Surrogates									
o-Terphenyl (S)	99	%	66-136		1	10/07/23 15:59	10/09/23 19:36	84-15-1	
N-Pentatriacontane (S)	110	%	42-159		1	10/07/23 15:59	10/09/23 19:36	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.20 U	mg/kg	1.2	0.20	20	10/11/23 07:43	10/15/23 23:42	7440-38-2	
Barium	0.52 I	mg/kg	1.2	0.23	20	10/11/23 07:43	10/15/23 23:42	7440-39-3	
Cadmium	0.032 U	mg/kg	0.15	0.032	20	10/11/23 07:43	10/15/23 23:42	7440-43-9	
Chromium	0.71 U	mg/kg	1.2	0.71	20	10/11/23 07:43	10/15/23 23:42	7440-47-3	
Copper	2.1 I	mg/kg	2.5	0.63	20	10/11/23 07:43	10/15/23 23:42	7440-50-8	
Lead	0.59 I	mg/kg	1.2	0.45	20	10/11/23 07:43	10/15/23 23:42	7439-92-1	
Selenium	0.64 U	mg/kg	1.2	0.64	20	10/11/23 07:43	10/15/23 23:42	7782-49-2	
Silver	0.047 U	mg/kg	0.15	0.047	20	10/11/23 07:43	10/15/23 23:42	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0058 U	mg/kg	0.012	0.0058	1	10/18/23 11:06	10/18/23 13:51	7439-97-6	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.019 U	mg/kg	0.043	0.019	1	10/10/23 18:17	10/20/23 16:56	83-32-9	J(M1), J(R1)
Acenaphthylene	0.0063 U	mg/kg	0.040	0.0063	1	10/10/23 18:17	10/20/23 16:56	208-96-8	J(M1), J(R1)
Aniline	0.039 U	mg/kg	0.20	0.039	1	10/10/23 18:17	10/20/23 16:56	62-53-3	J(M1)
Anthracene	0.0055 U	mg/kg	0.043	0.0055	1	10/10/23 18:17	10/20/23 16:56	120-12-7	J(M1), J(R1)
Benzo(a)anthracene	0.0054 U	mg/kg	0.040	0.0054	1	10/10/23 18:17	10/20/23 16:56	56-55-3	J(M1), J(R1)
Benzo(a)pyrene	0.010 U	mg/kg	0.040	0.010	1	10/10/23 18:17	10/20/23 16:56	50-32-8	J(M1), J(R1)
Benzo(b)fluoranthene	0.011 U	mg/kg	0.040	0.011	1	10/10/23 18:17	10/20/23 16:56	205-99-2	J(M1), J(R1)
Benzo(g,h,i)perylene	0.010 U	mg/kg	0.040	0.010	1	10/10/23 18:17	10/20/23 16:56	191-24-2	J(M1), J(R1)
Benzo(k)fluoranthene	0.011 U	mg/kg	0.040	0.011	1	10/10/23 18:17	10/20/23 16:56	207-08-9	J(M1), J(R1)
Benzyl alcohol	0.042 U	mg/kg	0.20	0.042	1	10/10/23 18:17	10/20/23 16:56	100-51-6	J(L1), J(M0)
4-Bromophenylphenyl ether	0.038 U	mg/kg	0.20	0.038	1	10/10/23 18:17	10/20/23 16:56	101-55-3	J(M1), J(R1)
Butylbenzylphthalate	0.040 U	mg/kg	0.20	0.040	1	10/10/23 18:17	10/20/23 16:56	85-68-7	J(L1), J(M0), J(R1)
4-Chloro-3-methylphenol	0.12 U	mg/kg	0.80	0.12	1	10/10/23 18:17	10/20/23 16:56	59-50-7	J(M1)
4-Chloroaniline	0.031 U	mg/kg	0.20	0.031	1	10/10/23 18:17	10/20/23 16:56	106-47-8	J(M1)
bis(2-Chloroethoxy)methane	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 16:56	111-91-1	J(L1), J(M0), J(R1)
bis(2-Chloroethyl) ether	0.013 U	mg/kg	0.20	0.013	1	10/10/23 18:17	10/20/23 16:56	111-44-4	J(L1), J(M0), J(R1)
bis(2-Chloroisopropyl) ether	0.040 U	mg/kg	0.20	0.040	1	10/10/23 18:17	10/20/23 16:56	108-60-1	J(M1), J(R1)
2-Chloronaphthalene	0.0095 U	mg/kg	0.20	0.0095	1	10/10/23 18:17	10/20/23 16:56	91-58-7	J(M1), J(R1)
2-Chlorophenol	0.032 U	mg/kg	0.20	0.032	1	10/10/23 18:17	10/20/23 16:56	95-57-8	J(M1)
4-Chlorophenylphenyl ether	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 16:56	7005-72-3	J(M1), J(R1)
Chrysene	0.0054 U	mg/kg	0.040	0.0054	1	10/10/23 18:17	10/20/23 16:56	218-01-9	J(M1), J(R1)
Dibenz(a,h)anthracene	0.0093 U	mg/kg	0.040	0.0093	1	10/10/23 18:17	10/20/23 16:56	53-70-3	J(M1), J(R1)
Dibenzofuran	0.027 U	mg/kg	0.20	0.027	1	10/10/23 18:17	10/20/23 16:56	132-64-9	J(M1), J(R1)
1,2-Dichlorobenzene	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 16:56	95-50-1	J(L1), J(M0), J(R1)
1,3-Dichlorobenzene	0.039 U	mg/kg	0.20	0.039	1	10/10/23 18:17	10/20/23 16:56	541-73-1	J(M1), J(R1)

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach									
1,4-Dichlorobenzene	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 16:56	106-46-7	J(M1), J(R1)
3,3'-Dichlorobenzidine	0.039 U	mg/kg	0.80	0.039	1	10/10/23 18:17	10/20/23 16:56	91-94-1	J(M1)
2,4-Dichlorophenol	0.0089 U	mg/kg	0.20	0.0089	1	10/10/23 18:17	10/20/23 16:56	120-83-2	J(M1)
Diethylphthalate	0.068 U	mg/kg	0.20	0.068	1	10/10/23 18:17	10/20/23 16:56	84-66-2	J(M1), J(R1)
2,4-Dimethylphenol	0.036 U	mg/kg	0.20	0.036	1	10/10/23 18:17	10/20/23 16:56	105-67-9	J(M1)
Dimethylphthalate	0.032 U	mg/kg	0.20	0.032	1	10/10/23 18:17	10/20/23 16:56	131-11-3	J(M1), J(R1)
Di-n-butylphthalate	0.16 U	mg/kg	0.20	0.16	1	10/10/23 18:17	10/20/23 16:56	84-74-2	J(L1), J(M0), J(R1)
4,6-Dinitro-2-methylphenol	0.26 U	mg/kg	0.80	0.26	1	10/10/23 18:17	10/20/23 16:56	534-52-1	J(M1)
2,4-Dinitrophenol	0.12 U	mg/kg	0.80	0.12	1	10/10/23 18:17	10/20/23 16:56	51-28-5	J(M1)
2,4-Dinitrotoluene	0.027 U	mg/kg	0.20	0.027	1	10/10/23 18:17	10/20/23 16:56	121-14-2	J(M1), J(R1)
2,6-Dinitrotoluene	0.0098 U	mg/kg	0.20	0.0098	1	10/10/23 18:17	10/20/23 16:56	606-20-2	J(M1), J(R1)
Di-n-octylphthalate	0.049 U	mg/kg	0.20	0.049	1	10/10/23 18:17	10/20/23 16:56	117-84-0	J(L1), J(M0), J(R1)
1,2-Diphenylhydrazine	0.044 U	mg/kg	0.20	0.044	1	10/10/23 18:17	10/20/23 16:56	122-66-7	J(L1), J(M0), J(R1)
bis(2-Ethylhexyl)phthalate	0.042 U	mg/kg	0.20	0.042	1	10/10/23 18:17	10/20/23 16:56	117-81-7	J(L1), J(M0), J(R1)
Fluoranthene	0.013 U	mg/kg	0.040	0.013	1	10/10/23 18:17	10/20/23 16:56	206-44-0	J(M1), J(R1)
Fluorene	0.014 U	mg/kg	0.044	0.014	1	10/10/23 18:17	10/20/23 16:56	86-73-7	J(M1), J(R1)
Hexachloro-1,3-butadiene	0.014 U	mg/kg	0.20	0.014	1	10/10/23 18:17	10/20/23 16:56	87-68-3	J(M1), J(R1)
Hexachlorobenzene	0.0079 U	mg/kg	0.20	0.0079	1	10/10/23 18:17	10/20/23 16:56	118-74-1	J(M1), J(R1)
Hexachlorocyclopentadiene	0.15 U	mg/kg	0.80	0.15	1	10/10/23 18:17	10/20/23 16:56	77-47-4	J(M1), J(v2)
Hexachloroethane	0.031 U	mg/kg	0.20	0.031	1	10/10/23 18:17	10/20/23 16:56	67-72-1	J(M1), J(R1)
Indeno(1,2,3-cd)pyrene	0.0092 U	mg/kg	0.040	0.0092	1	10/10/23 18:17	10/20/23 16:56	193-39-5	J(M1), J(R1)
Isophorone	0.035 U	mg/kg	0.20	0.035	1	10/10/23 18:17	10/20/23 16:56	78-59-1	J(L1), J(M0), J(R1)
1-Methylnaphthalene	0.0067 U	mg/kg	0.048	0.0067	1	10/10/23 18:17	10/20/23 16:56	90-12-0	J(M1), J(R1)
2-Methylnaphthalene	0.0063 U	mg/kg	0.046	0.0063	1	10/10/23 18:17	10/20/23 16:56	91-57-6	J(M1), J(R1)
2-Methylphenol(o-Cresol)	0.0096 U	mg/kg	0.20	0.0096	1	10/10/23 18:17	10/20/23 16:56	95-48-7	J(M1), J(R1)

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
3&4-Methylphenol(m&p Cresol)	0.0092 U	mg/kg	0.20	0.0092	1	10/10/23 18:17	10/20/23 16:56		J(M1), J(R1)
Naphthalene	0.014 U	mg/kg	0.042	0.014	1	10/10/23 18:17	10/20/23 16:56	91-20-3	J(M1), J(R1)
2-Nitroaniline	0.050 U	mg/kg	0.20	0.050	1	10/10/23 18:17	10/20/23 16:56	88-74-4	J(M1), J(R1)
3-Nitroaniline	0.044 U	mg/kg	0.20	0.044	1	10/10/23 18:17	10/20/23 16:56	99-09-2	J(L1), J(M0), J(R1)
4-Nitroaniline	0.010 U	mg/kg	0.20	0.010	1	10/10/23 18:17	10/20/23 16:56	100-01-6	J(M1), J(R1)
Nitrobenzene	0.013 U	mg/kg	0.20	0.013	1	10/10/23 18:17	10/20/23 16:56	98-95-3	J(L1), J(M0), J(R1)
2-Nitrophenol	0.064 U	mg/kg	0.20	0.064	1	10/10/23 18:17	10/20/23 16:56	88-75-5	J(M1)
4-Nitrophenol	0.087 U	mg/kg	0.26	0.087	1	10/10/23 18:17	10/20/23 16:56	100-02-7	J(M1)
N-Nitrosodimethylamine	0.013 U	mg/kg	0.20	0.013	1	10/10/23 18:17	10/20/23 16:56	62-75-9	J(L1), J(M0), J(R1)
N-Nitroso-di-n-propylamine	0.0079 U	mg/kg	0.20	0.0079	1	10/10/23 18:17	10/20/23 16:56	621-64-7	J(L1), J(M0), J(R1)
N-Nitrosodiphenylamine	0.026 U	mg/kg	0.20	0.026	1	10/10/23 18:17	10/20/23 16:56	86-30-6	J(L1), J(M0), J(R1)
Pentachlorophenol	0.10 U	mg/kg	0.80	0.10	1	10/10/23 18:17	10/20/23 16:56	87-86-5	J(M1)
Phenanthrene	0.0057 U	mg/kg	0.040	0.0057	1	10/10/23 18:17	10/20/23 16:56	85-01-8	J(M1), J(R1)
Phenol	0.038 U	mg/kg	0.20	0.038	1	10/10/23 18:17	10/20/23 16:56	108-95-2	J(M1)
Pyrene	0.012 U	mg/kg	0.040	0.012	1	10/10/23 18:17	10/20/23 16:56	129-00-0	J(M1), J(R1)
1,2,4-Trichlorobenzene	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 16:56	120-82-1	J(M1), J(R1)
2,4,5-Trichlorophenol	0.0080 U	mg/kg	0.20	0.0080	1	10/10/23 18:17	10/20/23 16:56	95-95-4	J(M1), J(R1)
2,4,6-Trichlorophenol	0.011 U	mg/kg	0.20	0.011	1	10/10/23 18:17	10/20/23 16:56	88-06-2	J(M1)
Surrogates									
Nitrobenzene-d5 (S)	60	%	24-98		1	10/10/23 18:17	10/20/23 16:56	4165-60-0	
2-Fluorobiphenyl (S)	49	%	29-101		1	10/10/23 18:17	10/20/23 16:56	321-60-8	
p-Terphenyl-d14 (S)	27	%	29-112		1	10/10/23 18:17	10/20/23 16:56	1718-51-0	J(S0)
Phenol-d6 (S)	49	%	10-104		1	10/10/23 18:17	10/20/23 16:56	13127-88-3	
2-Fluorophenol (S)	51	%	19-95		1	10/10/23 18:17	10/20/23 16:56	367-12-4	
2,4,6-Tribromophenol (S)	51	%	23-110		1	10/10/23 18:17	10/20/23 16:56	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.14	mg/kg	0.055	0.024	1	10/09/23 19:31	10/10/23 06:38	67-64-1	
Acetonitrile	0.016 U	mg/kg	0.055	0.016	1	10/09/23 19:31	10/10/23 06:38	75-05-8	
Benzene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 06:38	71-43-2	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Bromochloromethane	0.00082 U	mg/kg	0.0055	0.00082	1	10/09/23 19:31	10/10/23 06:38	74-97-5	J(v1)
Bromodichloromethane	0.0012 U	mg/kg	0.0055	0.0012	1	10/09/23 19:31	10/10/23 06:38	75-27-4	
Bromoform	0.0012 U	mg/kg	0.0055	0.0012	1	10/09/23 19:31	10/10/23 06:38	75-25-2	
Bromomethane	0.0020 U	mg/kg	0.0055	0.0020	1	10/09/23 19:31	10/10/23 06:38	74-83-9	
2-Butanone (MEK)	0.0055 U	mg/kg	0.055	0.0055	1	10/09/23 19:31	10/10/23 06:38	78-93-3	
Carbon disulfide	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 06:38	75-15-0	J(v1)
Carbon tetrachloride	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 06:38	56-23-5	
Chlorobenzene	0.0010 U	mg/kg	0.0055	0.0010	1	10/09/23 19:31	10/10/23 06:38	108-90-7	
Chloroethane	0.0023 U	mg/kg	0.0055	0.0023	1	10/09/23 19:31	10/10/23 06:38	75-00-3	
Chloroform	0.0020 U	mg/kg	0.0055	0.0020	1	10/09/23 19:31	10/10/23 06:38	67-66-3	
Chloromethane	0.0022 U	mg/kg	0.0055	0.0022	1	10/09/23 19:31	10/10/23 06:38	74-87-3	
1,2-Dibromo-3-chloropropane	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 06:38	96-12-8	
Dibromochloromethane	0.00096 U	mg/kg	0.0055	0.00096	1	10/09/23 19:31	10/10/23 06:38	124-48-1	
1,2-Dibromoethane (EDB)	0.00082 U	mg/kg	0.0055	0.00082	1	10/09/23 19:31	10/10/23 06:38	106-93-4	
Dibromomethane	0.00079 U	mg/kg	0.0055	0.00079	1	10/09/23 19:31	10/10/23 06:38	74-95-3	J(v1)
1,2-Dichlorobenzene	0.00084 U	mg/kg	0.0055	0.00084	1	10/09/23 19:31	10/10/23 06:38	95-50-1	
1,4-Dichlorobenzene	0.00074 U	mg/kg	0.0055	0.00074	1	10/09/23 19:31	10/10/23 06:38	106-46-7	
trans-1,4-Dichloro-2-butene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 06:38	110-57-6	
1,1-Dichloroethane	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 06:38	75-34-3	
1,2-Dichloroethane	0.00085 U	mg/kg	0.0055	0.00085	1	10/09/23 19:31	10/10/23 06:38	107-06-2	
1,2-Dichloroethene (Total)	0.0034 U	mg/kg	0.0055	0.0034	1	10/09/23 19:31	10/10/23 06:38	540-59-0	
1,1-Dichloroethene	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 06:38	75-35-4	
cis-1,2-Dichloroethene	0.0012 U	mg/kg	0.0055	0.0012	1	10/09/23 19:31	10/10/23 06:38	156-59-2	
trans-1,2-Dichloroethene	0.0014 U	mg/kg	0.0055	0.0014	1	10/09/23 19:31	10/10/23 06:38	156-60-5	
1,2-Dichloropropane	0.0010 U	mg/kg	0.0055	0.0010	1	10/09/23 19:31	10/10/23 06:38	78-87-5	
cis-1,3-Dichloropropene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 06:38	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 06:38	10061-02-6	
Ethylbenzene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 06:38	100-41-4	
2-Hexanone	0.0055 U	mg/kg	0.028	0.0055	1	10/09/23 19:31	10/10/23 06:38	591-78-6	
Iodomethane	0.0012 U	mg/kg	0.011	0.0012	1	10/09/23 19:31	10/10/23 06:38	74-88-4	
Isopropylbenzene (Cumene)	0.0014 U	mg/kg	0.0055	0.0014	1	10/09/23 19:31	10/10/23 06:38	98-82-8	
Methylene Chloride	0.0049 U	mg/kg	0.0055	0.0049	1	10/09/23 19:31	10/10/23 06:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0055 U	mg/kg	0.028	0.0055	1	10/09/23 19:31	10/10/23 06:38	108-10-1	
Methyl-tert-butyl ether	0.0017 U	mg/kg	0.0055	0.0017	1	10/09/23 19:31	10/10/23 06:38	1634-04-4	
Styrene	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 06:38	100-42-5	
1,1,1,2-Tetrachloroethane	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 06:38	630-20-6	
1,1,2,2-Tetrachloroethane	0.00067 U	mg/kg	0.0055	0.00067	1	10/09/23 19:31	10/10/23 06:38	79-34-5	
Tetrachloroethene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 06:38	127-18-4	
Toluene	0.0022 U	mg/kg	0.0055	0.0022	1	10/09/23 19:31	10/10/23 06:38	108-88-3	
1,1,1-Trichloroethane	0.0014 U	mg/kg	0.0055	0.0014	1	10/09/23 19:31	10/10/23 06:38	71-55-6	
1,1,2-Trichloroethane	0.00065 U	mg/kg	0.0055	0.00065	1	10/09/23 19:31	10/10/23 06:38	79-00-5	
Trichloroethene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 06:38	79-01-6	
Trichlorofluoromethane	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 06:38	75-69-4	
1,2,3-Trichloropropane	0.0017 U	mg/kg	0.0055	0.0017	1	10/09/23 19:31	10/10/23 06:38	96-18-4	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-006 Lab ID: 35832847006 Collected: 10/05/23 10:35 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Vinyl acetate	0.0018 U	mg/kg	0.0055	0.0018	1	10/09/23 19:31	10/10/23 06:38	108-05-4	
Vinyl chloride	0.0023 U	mg/kg	0.0055	0.0023	1	10/09/23 19:31	10/10/23 06:38	75-01-4	
Xylene (Total)	0.0057 U	mg/kg	0.017	0.0057	1	10/09/23 19:31	10/10/23 06:38	1330-20-7	
m&p-Xylene	0.0057 U	mg/kg	0.011	0.0057	1	10/09/23 19:31	10/10/23 06:38	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 06:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	68-125		1	10/09/23 19:31	10/10/23 06:38	460-00-4	
Toluene-d8 (S)	111	%	70-130		1	10/09/23 19:31	10/10/23 06:38	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/09/23 19:31	10/10/23 06:38	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	16.5	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	775000	mg/kg	10.0	10.0	1		10/08/23 16:58		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	24.9	%	0.10	0.10	1		10/20/23 10:06		
Total Organic Carbon	738	mg/kg	713	213	1		10/20/23 10:06	7440-44-0	
Total Organic Carbon	948	mg/kg	718	214	1		10/20/23 10:11	7440-44-0	
Mean Total Organic Carbon	843	mg/kg	715	213	1		10/20/23 10:06	7440-44-0	

Sample: 2310221-007 Lab ID: 35832847007 Collected: 10/05/23 10:45 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Aldrin	0.0012 U	mg/kg	0.012	0.0012	1	10/10/23 17:11	10/11/23 15:01	309-00-2	P1
alpha-BHC	0.00067 U	mg/kg	0.012	0.00067	1	10/10/23 17:11	10/11/23 15:01	319-84-6	P1
beta-BHC	0.0015 U	mg/kg	0.012	0.0015	1	10/10/23 17:11	10/11/23 15:01	319-85-7	P1
delta-BHC	0.00063 U	mg/kg	0.012	0.00063	1	10/10/23 17:11	10/11/23 15:01	319-86-8	P1
gamma-BHC (Lindane)	0.00035 U	mg/kg	0.012	0.00035	1	10/10/23 17:11	10/11/23 15:01	58-89-9	P1
Chlordane (Technical)	0.037 U	mg/kg	0.12	0.037	1	10/10/23 17:11	10/11/23 15:01	57-74-9	P1
4,4'-DDD	0.00055 U	mg/kg	0.012	0.00055	1	10/10/23 17:11	10/11/23 15:01	72-54-8	P1
4,4'-DDE	0.00048 U	mg/kg	0.012	0.00048	1	10/10/23 17:11	10/11/23 15:01	72-55-9	P1
4,4'-DDT	0.00073 U	mg/kg	0.012	0.00073	1	10/10/23 17:11	10/11/23 15:01	50-29-3	P1

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-007 Lab ID: 35832847007 Collected: 10/05/23 10:45 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Dieldrin	0.00047 U	mg/kg	0.012	0.00047	1	10/10/23 17:11	10/11/23 15:01	60-57-1	P1
Endosulfan I	0.0014 U	mg/kg	0.012	0.0014	1	10/10/23 17:11	10/11/23 15:01	959-98-8	P1
Endosulfan II	0.00055 U	mg/kg	0.012	0.00055	1	10/10/23 17:11	10/11/23 15:01	33213-65-9	P1
Endosulfan sulfate	0.00048 U	mg/kg	0.012	0.00048	1	10/10/23 17:11	10/11/23 15:01	1031-07-8	P1
Endrin	0.00077 U	mg/kg	0.012	0.00077	1	10/10/23 17:11	10/11/23 15:01	72-20-8	P1
Endrin aldehyde	0.00079 U	mg/kg	0.024	0.00079	1	10/10/23 17:11	10/11/23 15:01	7421-93-4	P1
Endrin ketone	0.00057 U	mg/kg	0.012	0.00057	1	10/10/23 17:11	10/11/23 15:01	53494-70-5	P1
Heptachlor	0.0013 U	mg/kg	0.012	0.0013	1	10/10/23 17:11	10/11/23 15:01	76-44-8	P1
Heptachlor epoxide	0.00052 U	mg/kg	0.012	0.00052	1	10/10/23 17:11	10/11/23 15:01	1024-57-3	P1
Methoxychlor	0.0018 U	mg/kg	0.012	0.0018	1	10/10/23 17:11	10/11/23 15:01	72-43-5	P1
Toxaphene	0.053 U	mg/kg	0.12	0.053	1	10/10/23 17:11	10/11/23 15:01	8001-35-2	P1
Surrogates									
Tetrachloro-m-xylene (S)	66	%	53-140		1	10/10/23 17:11	10/11/23 15:01	877-09-8	
Decachlorobiphenyl (S)	64	%	43-157		1	10/10/23 17:11	10/11/23 15:01	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	16.4 U	mg/kg	19.0	16.4	1	10/07/23 15:59	10/09/23 19:50		P1
Surrogates									
o-Terphenyl (S)	100	%	66-136		1	10/07/23 15:59	10/09/23 19:50	84-15-1	
N-Pentatriacontane (S)	112	%	42-159		1	10/07/23 15:59	10/09/23 19:50	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.24 U	mg/kg	1.5	0.24	20	10/13/23 11:43	10/15/23 22:57	7440-38-2	
Barium	0.47 I	mg/kg	1.5	0.27	20	10/13/23 11:43	10/15/23 22:57	7440-39-3	
Cadmium	0.039 U	mg/kg	0.18	0.039	20	10/13/23 11:43	10/15/23 22:57	7440-43-9	
Chromium	0.85 U	mg/kg	1.5	0.85	20	10/13/23 11:43	10/15/23 22:57	7440-47-3	
Copper	0.82 I	mg/kg	3.0	0.76	20	10/13/23 11:43	10/15/23 22:57	7440-50-8	
Lead	0.54 U	mg/kg	1.5	0.54	20	10/13/23 11:43	10/15/23 22:57	7439-92-1	
Selenium	0.77 U	mg/kg	1.5	0.77	20	10/13/23 11:43	10/15/23 22:57	7782-49-2	
Silver	0.057 U	mg/kg	0.18	0.057	20	10/13/23 11:43	10/15/23 22:57	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0061 U	mg/kg	0.012	0.0061	1	10/18/23 11:06	10/18/23 13:58	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.11 U	mg/kg	0.25	0.11	1	10/10/23 18:17	10/20/23 18:12	83-32-9	P1
Acenaphthylene	0.037 U	mg/kg	0.24	0.037	1	10/10/23 18:17	10/20/23 18:12	208-96-8	P1
Aniline	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 18:12	62-53-3	P1
Anthracene	0.032 U	mg/kg	0.25	0.032	1	10/10/23 18:17	10/20/23 18:12	120-12-7	P1
Benzo(a)anthracene	0.031 U	mg/kg	0.24	0.031	1	10/10/23 18:17	10/20/23 18:12	56-55-3	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-007 Lab ID: 35832847007 Collected: 10/05/23 10:45 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Benzo(a)pyrene	0.058 U	mg/kg	0.24	0.058	1	10/10/23 18:17	10/20/23 18:12	50-32-8	P1
Benzo(b)fluoranthene	0.062 U	mg/kg	0.24	0.062	1	10/10/23 18:17	10/20/23 18:12	205-99-2	P1
Benzo(g,h,i)perylene	0.059 U	mg/kg	0.24	0.059	1	10/10/23 18:17	10/20/23 18:12	191-24-2	P1
Benzo(k)fluoranthene	0.062 U	mg/kg	0.24	0.062	1	10/10/23 18:17	10/20/23 18:12	207-08-9	P1
Benzyl alcohol	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 18:12	100-51-6	J(L1), P1
4-Bromophenylphenyl ether	0.22 U	mg/kg	1.2	0.22	1	10/10/23 18:17	10/20/23 18:12	101-55-3	P1
Butylbenzylphthalate	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 18:12	85-68-7	J(L1), P1
4-Chloro-3-methylphenol	0.69 U	mg/kg	4.6	0.69	1	10/10/23 18:17	10/20/23 18:12	59-50-7	P1
4-Chloroaniline	0.18 U	mg/kg	1.2	0.18	1	10/10/23 18:17	10/20/23 18:12	106-47-8	P1
bis(2-Chloroethoxy)methane	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 18:12	111-91-1	J(L1), P1
bis(2-Chloroethyl) ether	0.076 U	mg/kg	1.2	0.076	1	10/10/23 18:17	10/20/23 18:12	111-44-4	J(L1), P1
bis(2-Chloroisopropyl) ether	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 18:12	108-60-1	P1
2-Chloronaphthalene	0.055 U	mg/kg	1.2	0.055	1	10/10/23 18:17	10/20/23 18:12	91-58-7	P1
2-Chlorophenol	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 18:12	95-57-8	P1
4-Chlorophenylphenyl ether	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 18:12	7005-72-3	P1
Chrysene	0.031 U	mg/kg	0.24	0.031	1	10/10/23 18:17	10/20/23 18:12	218-01-9	P1
Dibenz(a,h)anthracene	0.054 U	mg/kg	0.24	0.054	1	10/10/23 18:17	10/20/23 18:12	53-70-3	P1
Dibenzofuran	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 18:12	132-64-9	P1
1,2-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 18:12	95-50-1	J(L1), P1
1,3-Dichlorobenzene	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 18:12	541-73-1	P1
1,4-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 18:12	106-46-7	P1
3,3'-Dichlorobenzidine	0.23 U	mg/kg	4.6	0.23	1	10/10/23 18:17	10/20/23 18:12	91-94-1	P1
2,4-Dichlorophenol	0.052 U	mg/kg	1.2	0.052	1	10/10/23 18:17	10/20/23 18:12	120-83-2	P1
Diethylphthalate	0.39 U	mg/kg	1.2	0.39	1	10/10/23 18:17	10/20/23 18:12	84-66-2	P1
2,4-Dimethylphenol	0.21 U	mg/kg	1.2	0.21	1	10/10/23 18:17	10/20/23 18:12	105-67-9	P1
Dimethylphthalate	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 18:12	131-11-3	P1
Di-n-butylphthalate	0.92 U	mg/kg	1.2	0.92	1	10/10/23 18:17	10/20/23 18:12	84-74-2	J(L1), P1
4,6-Dinitro-2-methylphenol	1.5 U	mg/kg	4.6	1.5	1	10/10/23 18:17	10/20/23 18:12	534-52-1	P1
2,4-Dinitrophenol	0.69 U	mg/kg	4.6	0.69	1	10/10/23 18:17	10/20/23 18:12	51-28-5	P1
2,4-Dinitrotoluene	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 18:12	121-14-2	P1
2,6-Dinitrotoluene	0.057 U	mg/kg	1.2	0.057	1	10/10/23 18:17	10/20/23 18:12	606-20-2	P1
Di-n-octylphthalate	0.28 U	mg/kg	1.2	0.28	1	10/10/23 18:17	10/20/23 18:12	117-84-0	J(L1), P1
1,2-Diphenylhydrazine	0.26 U	mg/kg	1.2	0.26	1	10/10/23 18:17	10/20/23 18:12	122-66-7	J(L1), P1
bis(2-Ethylhexyl)phthalate	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 18:12	117-81-7	J(L1), P1
Fluoranthene	0.076 U	mg/kg	0.24	0.076	1	10/10/23 18:17	10/20/23 18:12	206-44-0	P1
Fluorene	0.083 U	mg/kg	0.26	0.083	1	10/10/23 18:17	10/20/23 18:12	86-73-7	P1
Hexachloro-1,3-butadiene	0.083 U	mg/kg	1.2	0.083	1	10/10/23 18:17	10/20/23 18:12	87-68-3	P1
Hexachlorobenzene	0.046 U	mg/kg	1.2	0.046	1	10/10/23 18:17	10/20/23 18:12	118-74-1	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-007 Lab ID: 35832847007 Collected: 10/05/23 10:45 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Hexachlorocyclopentadiene	0.85 U	mg/kg	4.6	0.85	1	10/10/23 18:17	10/20/23 18:12	77-47-4	J(v2),P1
Hexachloroethane	0.18 U	mg/kg	1.2	0.18	1	10/10/23 18:17	10/20/23 18:12	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.053 U	mg/kg	0.24	0.053	1	10/10/23 18:17	10/20/23 18:12	193-39-5	P1
Isophorone	0.20 U	mg/kg	1.2	0.20	1	10/10/23 18:17	10/20/23 18:12	78-59-1	J(L1), P1
1-Methylnaphthalene	0.039 U	mg/kg	0.28	0.039	1	10/10/23 18:17	10/20/23 18:12	90-12-0	P1
2-Methylnaphthalene	0.037 U	mg/kg	0.27	0.037	1	10/10/23 18:17	10/20/23 18:12	91-57-6	P1
2-Methylphenol(o-Cresol)	0.056 U	mg/kg	1.2	0.056	1	10/10/23 18:17	10/20/23 18:12	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.053 U	mg/kg	1.2	0.053	1	10/10/23 18:17	10/20/23 18:12		P1
Naphthalene	0.083 U	mg/kg	0.24	0.083	1	10/10/23 18:17	10/20/23 18:12	91-20-3	P1
2-Nitroaniline	0.29 U	mg/kg	1.2	0.29	1	10/10/23 18:17	10/20/23 18:12	88-74-4	P1
3-Nitroaniline	0.26 U	mg/kg	1.2	0.26	1	10/10/23 18:17	10/20/23 18:12	99-09-2	J(L1), P1
4-Nitroaniline	0.059 U	mg/kg	1.2	0.059	1	10/10/23 18:17	10/20/23 18:12	100-01-6	P1
Nitrobenzene	0.078 U	mg/kg	1.2	0.078	1	10/10/23 18:17	10/20/23 18:12	98-95-3	J(L1), P1
2-Nitrophenol	0.37 U	mg/kg	1.2	0.37	1	10/10/23 18:17	10/20/23 18:12	88-75-5	P1
4-Nitrophenol	0.50 U	mg/kg	1.5	0.50	1	10/10/23 18:17	10/20/23 18:12	100-02-7	P1
N-Nitrosodimethylamine	0.076 U	mg/kg	1.2	0.076	1	10/10/23 18:17	10/20/23 18:12	62-75-9	J(L1), P1
N-Nitroso-di-n-propylamine	0.046 U	mg/kg	1.2	0.046	1	10/10/23 18:17	10/20/23 18:12	621-64-7	J(L1), P1
N-Nitrosodiphenylamine	0.15 U	mg/kg	1.2	0.15	1	10/10/23 18:17	10/20/23 18:12	86-30-6	J(L1), P1
Pentachlorophenol	0.60 U	mg/kg	4.6	0.60	1	10/10/23 18:17	10/20/23 18:12	87-86-5	P1
Phenanthrene	0.033 U	mg/kg	0.24	0.033	1	10/10/23 18:17	10/20/23 18:12	85-01-8	P1
Phenol	0.22 U	mg/kg	1.2	0.22	1	10/10/23 18:17	10/20/23 18:12	108-95-2	P1
Pyrene	0.068 U	mg/kg	0.24	0.068	1	10/10/23 18:17	10/20/23 18:12	129-00-0	P1
1,2,4-Trichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 18:12	120-82-1	P1
2,4,5-Trichlorophenol	0.046 U	mg/kg	1.2	0.046	1	10/10/23 18:17	10/20/23 18:12	95-95-4	P1
2,4,6-Trichlorophenol	0.064 U	mg/kg	1.2	0.064	1	10/10/23 18:17	10/20/23 18:12	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	78	%	24-98		1	10/10/23 18:17	10/20/23 18:12	4165-60-0	
2-Fluorobiphenyl (S)	71	%	29-101		1	10/10/23 18:17	10/20/23 18:12	321-60-8	
p-Terphenyl-d14 (S)	56	%	29-112		1	10/10/23 18:17	10/20/23 18:12	1718-51-0	
Phenol-d6 (S)	74	%	10-104		1	10/10/23 18:17	10/20/23 18:12	13127-88-3	
2-Fluorophenol (S)	74	%	19-95		1	10/10/23 18:17	10/20/23 18:12	367-12-4	
2,4,6-Tribromophenol (S)	72	%	23-110		1	10/10/23 18:17	10/20/23 18:12	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.16	mg/kg	0.055	0.024	1	10/09/23 19:31	10/10/23 07:02	67-64-1	
Acetonitrile	0.016 U	mg/kg	0.055	0.016	1	10/09/23 19:31	10/10/23 07:02	75-05-8	
Benzene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 07:02	71-43-2	
Bromochloromethane	0.00082 U	mg/kg	0.0055	0.00082	1	10/09/23 19:31	10/10/23 07:02	74-97-5	J(v1)
Bromodichloromethane	0.0012 U	mg/kg	0.0055	0.0012	1	10/09/23 19:31	10/10/23 07:02	75-27-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-007 Lab ID: 35832847007 Collected: 10/05/23 10:45 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Bromoform	0.0012 U	mg/kg	0.0055	0.0012	1	10/09/23 19:31	10/10/23 07:02	75-25-2	
Bromomethane	0.0020 U	mg/kg	0.0055	0.0020	1	10/09/23 19:31	10/10/23 07:02	74-83-9	
2-Butanone (MEK)	0.0055 U	mg/kg	0.055	0.0055	1	10/09/23 19:31	10/10/23 07:02	78-93-3	
Carbon disulfide	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 07:02	75-15-0	J(v1)
Carbon tetrachloride	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 07:02	56-23-5	
Chlorobenzene	0.0010 U	mg/kg	0.0055	0.0010	1	10/09/23 19:31	10/10/23 07:02	108-90-7	
Chloroethane	0.0023 U	mg/kg	0.0055	0.0023	1	10/09/23 19:31	10/10/23 07:02	75-00-3	
Chloroform	0.0020 U	mg/kg	0.0055	0.0020	1	10/09/23 19:31	10/10/23 07:02	67-66-3	
Chloromethane	0.0022 U	mg/kg	0.0055	0.0022	1	10/09/23 19:31	10/10/23 07:02	74-87-3	
1,2-Dibromo-3-chloropropane	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 07:02	96-12-8	
Dibromochloromethane	0.00096 U	mg/kg	0.0055	0.00096	1	10/09/23 19:31	10/10/23 07:02	124-48-1	
1,2-Dibromoethane (EDB)	0.00082 U	mg/kg	0.0055	0.00082	1	10/09/23 19:31	10/10/23 07:02	106-93-4	
Dibromomethane	0.00079 U	mg/kg	0.0055	0.00079	1	10/09/23 19:31	10/10/23 07:02	74-95-3	J(v1)
1,2-Dichlorobenzene	0.00084 U	mg/kg	0.0055	0.00084	1	10/09/23 19:31	10/10/23 07:02	95-50-1	
1,4-Dichlorobenzene	0.00074 U	mg/kg	0.0055	0.00074	1	10/09/23 19:31	10/10/23 07:02	106-46-7	
trans-1,4-Dichloro-2-butene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 07:02	110-57-6	
1,1-Dichloroethane	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 07:02	75-34-3	
1,2-Dichloroethane	0.00085 U	mg/kg	0.0055	0.00085	1	10/09/23 19:31	10/10/23 07:02	107-06-2	
1,2-Dichloroethene (Total)	0.0034 U	mg/kg	0.0055	0.0034	1	10/09/23 19:31	10/10/23 07:02	540-59-0	
1,1-Dichloroethene	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 07:02	75-35-4	
cis-1,2-Dichloroethene	0.0012 U	mg/kg	0.0055	0.0012	1	10/09/23 19:31	10/10/23 07:02	156-59-2	
trans-1,2-Dichloroethene	0.0014 U	mg/kg	0.0055	0.0014	1	10/09/23 19:31	10/10/23 07:02	156-60-5	
1,2-Dichloropropane	0.0010 U	mg/kg	0.0055	0.0010	1	10/09/23 19:31	10/10/23 07:02	78-87-5	
cis-1,3-Dichloropropene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 07:02	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 07:02	10061-02-6	
Ethylbenzene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 07:02	100-41-4	
2-Hexanone	0.0055 U	mg/kg	0.028	0.0055	1	10/09/23 19:31	10/10/23 07:02	591-78-6	
Iodomethane	0.0012 U	mg/kg	0.011	0.0012	1	10/09/23 19:31	10/10/23 07:02	74-88-4	
Isopropylbenzene (Cumene)	0.0014 U	mg/kg	0.0055	0.0014	1	10/09/23 19:31	10/10/23 07:02	98-82-8	
Methylene Chloride	0.0049 U	mg/kg	0.0055	0.0049	1	10/09/23 19:31	10/10/23 07:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0055 U	mg/kg	0.028	0.0055	1	10/09/23 19:31	10/10/23 07:02	108-10-1	
Methyl-tert-butyl ether	0.0017 U	mg/kg	0.0055	0.0017	1	10/09/23 19:31	10/10/23 07:02	1634-04-4	
Styrene	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 07:02	100-42-5	
1,1,1,2-Tetrachloroethane	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 07:02	630-20-6	
1,1,2,2-Tetrachloroethane	0.00068 U	mg/kg	0.0055	0.00068	1	10/09/23 19:31	10/10/23 07:02	79-34-5	
Tetrachloroethene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 07:02	127-18-4	
Toluene	0.0022 U	mg/kg	0.0055	0.0022	1	10/09/23 19:31	10/10/23 07:02	108-88-3	
1,1,1-Trichloroethane	0.0014 U	mg/kg	0.0055	0.0014	1	10/09/23 19:31	10/10/23 07:02	71-55-6	
1,1,2-Trichloroethane	0.00065 U	mg/kg	0.0055	0.00065	1	10/09/23 19:31	10/10/23 07:02	79-00-5	
Trichloroethene	0.0013 U	mg/kg	0.0055	0.0013	1	10/09/23 19:31	10/10/23 07:02	79-01-6	
Trichlorofluoromethane	0.0028 U	mg/kg	0.0055	0.0028	1	10/09/23 19:31	10/10/23 07:02	75-69-4	
1,2,3-Trichloropropane	0.0017 U	mg/kg	0.0055	0.0017	1	10/09/23 19:31	10/10/23 07:02	96-18-4	
Vinyl acetate	0.0018 U	mg/kg	0.0055	0.0018	1	10/09/23 19:31	10/10/23 07:02	108-05-4	
Vinyl chloride	0.0023 U	mg/kg	0.0055	0.0023	1	10/09/23 19:31	10/10/23 07:02	75-01-4	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-007 Lab ID: 35832847007 Collected: 10/05/23 10:45 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Xylene (Total)	0.0057 U	mg/kg	0.017	0.0057	1	10/09/23 19:31	10/10/23 07:02	1330-20-7	
m&p-Xylene	0.0057 U	mg/kg	0.011	0.0057	1	10/09/23 19:31	10/10/23 07:02	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0055	0.0011	1	10/09/23 19:31	10/10/23 07:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	68-125		1	10/09/23 19:31	10/10/23 07:02	460-00-4	
Toluene-d8 (S)	111	%	70-130		1	10/09/23 19:31	10/10/23 07:02	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1	10/09/23 19:31	10/10/23 07:02	2199-69-1	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	20.4	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	731000	mg/kg	10.0	10.0	1		10/08/23 16:59		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	1.3	%	0.10	0.10	1		10/20/23 10:28		
Total Organic Carbon	1050	mg/kg	750	224	1		10/20/23 10:28	7440-44-0	
Total Organic Carbon	1040	mg/kg	749	224	1		10/20/23 10:35	7440-44-0	
Mean Total Organic Carbon	1040	mg/kg	750	224	1		10/20/23 10:28	7440-44-0	

Sample: 2310221-008 Lab ID: 35832847008 Collected: 10/05/23 11:30 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Aldrin	0.00020 U	mg/kg	0.0020	0.00020	1	10/10/23 17:11	10/11/23 15:15	309-00-2	
alpha-BHC	0.00011 U	mg/kg	0.0020	0.00011	1	10/10/23 17:11	10/11/23 15:15	319-84-6	
beta-BHC	0.00024 U	mg/kg	0.0020	0.00024	1	10/10/23 17:11	10/11/23 15:15	319-85-7	
delta-BHC	0.00010 U	mg/kg	0.0020	0.00010	1	10/10/23 17:11	10/11/23 15:15	319-86-8	
gamma-BHC (Lindane)	0.000059 U	mg/kg	0.0020	0.000059	1	10/10/23 17:11	10/11/23 15:15	58-89-9	
Chlordane (Technical)	0.0061 U	mg/kg	0.020	0.0061	1	10/10/23 17:11	10/11/23 15:15	57-74-9	
4,4'-DDD	0.000091 U	mg/kg	0.0020	0.000091	1	10/10/23 17:11	10/11/23 15:15	72-54-8	
4,4'-DDE	0.000080 U	mg/kg	0.0020	0.000080	1	10/10/23 17:11	10/11/23 15:15	72-55-9	
4,4'-DDT	0.00012 U	mg/kg	0.0020	0.00012	1	10/10/23 17:11	10/11/23 15:15	50-29-3	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-008 Lab ID: 35832847008 Collected: 10/05/23 11:30 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Dieldrin	0.000078 U	mg/kg	0.0020	0.000078	1	10/10/23 17:11	10/11/23 15:15	60-57-1	
Endosulfan I	0.00023 U	mg/kg	0.0020	0.00023	1	10/10/23 17:11	10/11/23 15:15	959-98-8	
Endosulfan II	0.000091 U	mg/kg	0.0020	0.000091	1	10/10/23 17:11	10/11/23 15:15	33213-65-9	
Endosulfan sulfate	0.000080 U	mg/kg	0.0020	0.000080	1	10/10/23 17:11	10/11/23 15:15	1031-07-8	
Endrin	0.00013 U	mg/kg	0.0020	0.00013	1	10/10/23 17:11	10/11/23 15:15	72-20-8	
Endrin aldehyde	0.00013 U	mg/kg	0.0041	0.00013	1	10/10/23 17:11	10/11/23 15:15	7421-93-4	
Endrin ketone	0.000095 U	mg/kg	0.0020	0.000095	1	10/10/23 17:11	10/11/23 15:15	53494-70-5	
Heptachlor	0.00022 U	mg/kg	0.0020	0.00022	1	10/10/23 17:11	10/11/23 15:15	76-44-8	
Heptachlor epoxide	0.000088 U	mg/kg	0.0020	0.000088	1	10/10/23 17:11	10/11/23 15:15	1024-57-3	
Methoxychlor	0.00030 U	mg/kg	0.0020	0.00030	1	10/10/23 17:11	10/11/23 15:15	72-43-5	
Toxaphene	0.0088 U	mg/kg	0.020	0.0088	1	10/10/23 17:11	10/11/23 15:15	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	75	%	53-140		1	10/10/23 17:11	10/11/23 15:15	877-09-8	
Decachlorobiphenyl (S)	61	%	43-157		1	10/10/23 17:11	10/11/23 15:15	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	14.9 U	mg/kg	17.3	14.9	1	10/07/23 15:59	10/09/23 20:17		P1
Surrogates									
o-Terphenyl (S)	79	%	66-136		1	10/07/23 15:59	10/09/23 20:17	84-15-1	
N-Pentatriacontane (S)	86	%	42-159		1	10/07/23 15:59	10/09/23 20:17	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.21 U	mg/kg	1.3	0.21	20	10/13/23 11:43	10/15/23 23:00	7440-38-2	
Barium	0.27 I	mg/kg	1.3	0.24	20	10/13/23 11:43	10/15/23 23:00	7440-39-3	
Cadmium	0.035 U	mg/kg	0.16	0.035	20	10/13/23 11:43	10/15/23 23:00	7440-43-9	
Chromium	0.76 U	mg/kg	1.3	0.76	20	10/13/23 11:43	10/15/23 23:00	7440-47-3	
Copper	0.68 U	mg/kg	2.7	0.68	20	10/13/23 11:43	10/15/23 23:00	7440-50-8	
Lead	0.48 U	mg/kg	1.3	0.48	20	10/13/23 11:43	10/15/23 23:00	7439-92-1	
Selenium	0.68 U	mg/kg	1.3	0.68	20	10/13/23 11:43	10/15/23 23:00	7782-49-2	
Silver	0.050 U	mg/kg	0.16	0.050	20	10/13/23 11:43	10/15/23 23:00	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0050 U	mg/kg	0.010	0.0050	1	10/18/23 11:06	10/18/23 14:00	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.019 U	mg/kg	0.043	0.019	1	10/10/23 18:17	10/20/23 18:38	83-32-9	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-008 Lab ID: 35832847008 Collected: 10/05/23 11:30 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthylene	0.0064 U	mg/kg	0.041	0.0064	1	10/10/23 18:17	10/20/23 18:38	208-96-8	
Aniline	0.040 U	mg/kg	0.20	0.040	1	10/10/23 18:17	10/20/23 18:38	62-53-3	
Anthracene	0.0055 U	mg/kg	0.043	0.0055	1	10/10/23 18:17	10/20/23 18:38	120-12-7	
Benzo(a)anthracene	0.0054 U	mg/kg	0.041	0.0054	1	10/10/23 18:17	10/20/23 18:38	56-55-3	
Benzo(a)pyrene	0.010 U	mg/kg	0.041	0.010	1	10/10/23 18:17	10/20/23 18:38	50-32-8	
Benzo(b)fluoranthene	0.011 U	mg/kg	0.041	0.011	1	10/10/23 18:17	10/20/23 18:38	205-99-2	
Benzo(g,h,i)perylene	0.010 U	mg/kg	0.041	0.010	1	10/10/23 18:17	10/20/23 18:38	191-24-2	
Benzo(k)fluoranthene	0.011 U	mg/kg	0.041	0.011	1	10/10/23 18:17	10/20/23 18:38	207-08-9	
Benzyl alcohol	0.042 U	mg/kg	0.20	0.042	1	10/10/23 18:17	10/20/23 18:38	100-51-6	J(L1)
4-Bromophenylphenyl ether	0.038 U	mg/kg	0.20	0.038	1	10/10/23 18:17	10/20/23 18:38	101-55-3	
Butylbenzylphthalate	0.041 U	mg/kg	0.20	0.041	1	10/10/23 18:17	10/20/23 18:38	85-68-7	J(L1)
4-Chloro-3-methylphenol	0.12 U	mg/kg	0.80	0.12	1	10/10/23 18:17	10/20/23 18:38	59-50-7	
4-Chloroaniline	0.031 U	mg/kg	0.20	0.031	1	10/10/23 18:17	10/20/23 18:38	106-47-8	
bis(2-Chloroethoxy)methane	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 18:38	111-91-1	J(L1)
bis(2-Chloroethyl) ether	0.013 U	mg/kg	0.20	0.013	1	10/10/23 18:17	10/20/23 18:38	111-44-4	J(L1)
bis(2-Chloroisopropyl) ether	0.041 U	mg/kg	0.20	0.041	1	10/10/23 18:17	10/20/23 18:38	108-60-1	
2-Chloronaphthalene	0.0096 U	mg/kg	0.20	0.0096	1	10/10/23 18:17	10/20/23 18:38	91-58-7	
2-Chlorophenol	0.032 U	mg/kg	0.20	0.032	1	10/10/23 18:17	10/20/23 18:38	95-57-8	
4-Chlorophenylphenyl ether	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 18:38	7005-72-3	
Chrysene	0.0054 U	mg/kg	0.041	0.0054	1	10/10/23 18:17	10/20/23 18:38	218-01-9	
Dibenz(a,h)anthracene	0.0094 U	mg/kg	0.041	0.0094	1	10/10/23 18:17	10/20/23 18:38	53-70-3	
Dibenzofuran	0.028 U	mg/kg	0.20	0.028	1	10/10/23 18:17	10/20/23 18:38	132-64-9	
1,2-Dichlorobenzene	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 18:38	95-50-1	J(L1)
1,3-Dichlorobenzene	0.040 U	mg/kg	0.20	0.040	1	10/10/23 18:17	10/20/23 18:38	541-73-1	
1,4-Dichlorobenzene	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 18:38	106-46-7	
3,3'-Dichlorobenzidine	0.040 U	mg/kg	0.80	0.040	1	10/10/23 18:17	10/20/23 18:38	91-94-1	
2,4-Dichlorophenol	0.0090 U	mg/kg	0.20	0.0090	1	10/10/23 18:17	10/20/23 18:38	120-83-2	
Diethylphthalate	0.068 U	mg/kg	0.20	0.068	1	10/10/23 18:17	10/20/23 18:38	84-66-2	
2,4-Dimethylphenol	0.036 U	mg/kg	0.20	0.036	1	10/10/23 18:17	10/20/23 18:38	105-67-9	
Dimethylphthalate	0.032 U	mg/kg	0.20	0.032	1	10/10/23 18:17	10/20/23 18:38	131-11-3	
Di-n-butylphthalate	0.16 U	mg/kg	0.20	0.16	1	10/10/23 18:17	10/20/23 18:38	84-74-2	J(L1)
4,6-Dinitro-2-methylphenol	0.27 U	mg/kg	0.80	0.27	1	10/10/23 18:17	10/20/23 18:38	534-52-1	
2,4-Dinitrophenol	0.12 U	mg/kg	0.80	0.12	1	10/10/23 18:17	10/20/23 18:38	51-28-5	
2,4-Dinitrotoluene	0.027 U	mg/kg	0.20	0.027	1	10/10/23 18:17	10/20/23 18:38	121-14-2	
2,6-Dinitrotoluene	0.0098 U	mg/kg	0.20	0.0098	1	10/10/23 18:17	10/20/23 18:38	606-20-2	
Di-n-octylphthalate	0.049 U	mg/kg	0.20	0.049	1	10/10/23 18:17	10/20/23 18:38	117-84-0	J(L1)
1,2-Diphenylhydrazine	0.044 U	mg/kg	0.20	0.044	1	10/10/23 18:17	10/20/23 18:38	122-66-7	J(L1)
bis(2-Ethylhexyl)phthalate	0.042 U	mg/kg	0.20	0.042	1	10/10/23 18:17	10/20/23 18:38	117-81-7	J(L1)
Fluoranthene	0.013 U	mg/kg	0.041	0.013	1	10/10/23 18:17	10/20/23 18:38	206-44-0	
Fluorene	0.014 U	mg/kg	0.044	0.014	1	10/10/23 18:17	10/20/23 18:38	86-73-7	
Hexachloro-1,3-butadiene	0.014 U	mg/kg	0.20	0.014	1	10/10/23 18:17	10/20/23 18:38	87-68-3	
Hexachlorobenzene	0.0080 U	mg/kg	0.20	0.0080	1	10/10/23 18:17	10/20/23 18:38	118-74-1	
Hexachlorocyclopentadiene	0.15 U	mg/kg	0.80	0.15	1	10/10/23 18:17	10/20/23 18:38	77-47-4	J(v2)
Hexachloroethane	0.031 U	mg/kg	0.20	0.031	1	10/10/23 18:17	10/20/23 18:38	67-72-1	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-008 Lab ID: 35832847008 Collected: 10/05/23 11:30 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Indeno(1,2,3-cd)pyrene	0.0092 U	mg/kg	0.041	0.0092	1	10/10/23 18:17	10/20/23 18:38	193-39-5	
Isophorone	0.035 U	mg/kg	0.20	0.035	1	10/10/23 18:17	10/20/23 18:38	78-59-1	J(L1)
1-Methylnaphthalene	0.0067 U	mg/kg	0.048	0.0067	1	10/10/23 18:17	10/20/23 18:38	90-12-0	
2-Methylnaphthalene	0.0064 U	mg/kg	0.047	0.0064	1	10/10/23 18:17	10/20/23 18:38	91-57-6	
2-Methylphenol(o-Cresol)	0.0097 U	mg/kg	0.20	0.0097	1	10/10/23 18:17	10/20/23 18:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.0092 U	mg/kg	0.20	0.0092	1	10/10/23 18:17	10/20/23 18:38		
Naphthalene	0.014 U	mg/kg	0.042	0.014	1	10/10/23 18:17	10/20/23 18:38	91-20-3	
2-Nitroaniline	0.050 U	mg/kg	0.20	0.050	1	10/10/23 18:17	10/20/23 18:38	88-74-4	
3-Nitroaniline	0.044 U	mg/kg	0.20	0.044	1	10/10/23 18:17	10/20/23 18:38	99-09-2	J(L1)
4-Nitroaniline	0.010 U	mg/kg	0.20	0.010	1	10/10/23 18:17	10/20/23 18:38	100-01-6	
Nitrobenzene	0.014 U	mg/kg	0.20	0.014	1	10/10/23 18:17	10/20/23 18:38	98-95-3	J(L1)
2-Nitrophenol	0.065 U	mg/kg	0.20	0.065	1	10/10/23 18:17	10/20/23 18:38	88-75-5	
4-Nitrophenol	0.088 U	mg/kg	0.26	0.088	1	10/10/23 18:17	10/20/23 18:38	100-02-7	
N-Nitrosodimethylamine	0.013 U	mg/kg	0.20	0.013	1	10/10/23 18:17	10/20/23 18:38	62-75-9	J(L1)
N-Nitroso-di-n-propylamine	0.0079 U	mg/kg	0.20	0.0079	1	10/10/23 18:17	10/20/23 18:38	621-64-7	J(L1)
N-Nitrosodiphenylamine	0.026 U	mg/kg	0.20	0.026	1	10/10/23 18:17	10/20/23 18:38	86-30-6	J(L1)
Pentachlorophenol	0.10 U	mg/kg	0.80	0.10	1	10/10/23 18:17	10/20/23 18:38	87-86-5	
Phenanthrene	0.0058 U	mg/kg	0.041	0.0058	1	10/10/23 18:17	10/20/23 18:38	85-01-8	
Phenol	0.038 U	mg/kg	0.20	0.038	1	10/10/23 18:17	10/20/23 18:38	108-95-2	
Pyrene	0.012 U	mg/kg	0.041	0.012	1	10/10/23 18:17	10/20/23 18:38	129-00-0	
1,2,4-Trichlorobenzene	0.029 U	mg/kg	0.20	0.029	1	10/10/23 18:17	10/20/23 18:38	120-82-1	
2,4,5-Trichlorophenol	0.0080 U	mg/kg	0.20	0.0080	1	10/10/23 18:17	10/20/23 18:38	95-95-4	
2,4,6-Trichlorophenol	0.011 U	mg/kg	0.20	0.011	1	10/10/23 18:17	10/20/23 18:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	24-98		1	10/10/23 18:17	10/20/23 18:38	4165-60-0	
2-Fluorobiphenyl (S)	49	%	29-101		1	10/10/23 18:17	10/20/23 18:38	321-60-8	
p-Terphenyl-d14 (S)	33	%	29-112		1	10/10/23 18:17	10/20/23 18:38	1718-51-0	
Phenol-d6 (S)	58	%	10-104		1	10/10/23 18:17	10/20/23 18:38	13127-88-3	
2-Fluorophenol (S)	61	%	19-95		1	10/10/23 18:17	10/20/23 18:38	367-12-4	
2,4,6-Tribromophenol (S)	53	%	23-110		1	10/10/23 18:17	10/20/23 18:38	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.17	mg/kg	0.050	0.022	1	10/09/23 19:31	10/10/23 07:25	67-64-1	
Acetonitrile	0.015 U	mg/kg	0.050	0.015	1	10/09/23 19:31	10/10/23 07:25	75-05-8	
Benzene	0.0010 U	mg/kg	0.0050	0.0010	1	10/09/23 19:31	10/10/23 07:25	71-43-2	
Bromochloromethane	0.00074 U	mg/kg	0.0050	0.00074	1	10/09/23 19:31	10/10/23 07:25	74-97-5	J(v1)
Bromodichloromethane	0.0011 U	mg/kg	0.0050	0.0011	1	10/09/23 19:31	10/10/23 07:25	75-27-4	
Bromoform	0.0011 U	mg/kg	0.0050	0.0011	1	10/09/23 19:31	10/10/23 07:25	75-25-2	
Bromomethane	0.0018 U	mg/kg	0.0050	0.0018	1	10/09/23 19:31	10/10/23 07:25	74-83-9	
2-Butanone (MEK)	0.0050 U	mg/kg	0.050	0.0050	1	10/09/23 19:31	10/10/23 07:25	78-93-3	
Carbon disulfide	0.0025 U	mg/kg	0.0050	0.0025	1	10/09/23 19:31	10/10/23 07:25	75-15-0	J(v1)
Carbon tetrachloride	0.0012 U	mg/kg	0.0050	0.0012	1	10/09/23 19:31	10/10/23 07:25	56-23-5	
Chlorobenzene	0.00093 U	mg/kg	0.0050	0.00093	1	10/09/23 19:31	10/10/23 07:25	108-90-7	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-008 Lab ID: 35832847008 Collected: 10/05/23 11:30 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Chloroethane	0.0021 U	mg/kg	0.0050	0.0021	1	10/09/23 19:31	10/10/23 07:25	75-00-3	J(v1)
Chloroform	0.0018 U	mg/kg	0.0050	0.0018	1	10/09/23 19:31	10/10/23 07:25	67-66-3	
Chloromethane	0.0019 U	mg/kg	0.0050	0.0019	1	10/09/23 19:31	10/10/23 07:25	74-87-3	
1,2-Dibromo-3-chloropropane	0.0012 U	mg/kg	0.0050	0.0012	1	10/09/23 19:31	10/10/23 07:25	96-12-8	
Dibromochloromethane	0.00087 U	mg/kg	0.0050	0.00087	1	10/09/23 19:31	10/10/23 07:25	124-48-1	
1,2-Dibromoethane (EDB)	0.00074 U	mg/kg	0.0050	0.00074	1	10/09/23 19:31	10/10/23 07:25	106-93-4	
Dibromomethane	0.00071 U	mg/kg	0.0050	0.00071	1	10/09/23 19:31	10/10/23 07:25	74-95-3	
1,2-Dichlorobenzene	0.00076 U	mg/kg	0.0050	0.00076	1	10/09/23 19:31	10/10/23 07:25	95-50-1	
1,4-Dichlorobenzene	0.00067 U	mg/kg	0.0050	0.00067	1	10/09/23 19:31	10/10/23 07:25	106-46-7	
trans-1,4-Dichloro-2-butene	0.0012 U	mg/kg	0.0050	0.0012	1	10/09/23 19:31	10/10/23 07:25	110-57-6	
1,1-Dichloroethane	0.00098 U	mg/kg	0.0050	0.00098	1	10/09/23 19:31	10/10/23 07:25	75-34-3	
1,2-Dichloroethane	0.00077 U	mg/kg	0.0050	0.00077	1	10/09/23 19:31	10/10/23 07:25	107-06-2	
1,2-Dichloroethene (Total)	0.0030 U	mg/kg	0.0050	0.0030	1	10/09/23 19:31	10/10/23 07:25	540-59-0	
1,1-Dichloroethene	0.0025 U	mg/kg	0.0050	0.0025	1	10/09/23 19:31	10/10/23 07:25	75-35-4	
cis-1,2-Dichloroethene	0.0011 U	mg/kg	0.0050	0.0011	1	10/09/23 19:31	10/10/23 07:25	156-59-2	
trans-1,2-Dichloroethene	0.0013 U	mg/kg	0.0050	0.0013	1	10/09/23 19:31	10/10/23 07:25	156-60-5	
1,2-Dichloropropane	0.00092 U	mg/kg	0.0050	0.00092	1	10/09/23 19:31	10/10/23 07:25	78-87-5	
cis-1,3-Dichloropropene	0.0010 U	mg/kg	0.0050	0.0010	1	10/09/23 19:31	10/10/23 07:25	10061-01-5	
trans-1,3-Dichloropropene	0.00099 U	mg/kg	0.0050	0.00099	1	10/09/23 19:31	10/10/23 07:25	10061-02-6	
Ethylbenzene	0.0012 U	mg/kg	0.0050	0.0012	1	10/09/23 19:31	10/10/23 07:25	100-41-4	
2-Hexanone	0.0050 U	mg/kg	0.025	0.0050	1	10/09/23 19:31	10/10/23 07:25	591-78-6	
Iodomethane	0.0011 U	mg/kg	0.010	0.0011	1	10/09/23 19:31	10/10/23 07:25	74-88-4	
Isopropylbenzene (Cumene)	0.0013 U	mg/kg	0.0050	0.0013	1	10/09/23 19:31	10/10/23 07:25	98-82-8	
Methylene Chloride	0.0044 U	mg/kg	0.0050	0.0044	1	10/09/23 19:31	10/10/23 07:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0050 U	mg/kg	0.025	0.0050	1	10/09/23 19:31	10/10/23 07:25	108-10-1	
Methyl-tert-butyl ether	0.0015 U	mg/kg	0.0050	0.0015	1	10/09/23 19:31	10/10/23 07:25	1634-04-4	
Styrene	0.0025 U	mg/kg	0.0050	0.0025	1	10/09/23 19:31	10/10/23 07:25	100-42-5	
1,1,1,2-Tetrachloroethane	0.0010 U	mg/kg	0.0050	0.0010	1	10/09/23 19:31	10/10/23 07:25	630-20-6	
1,1,2,2-Tetrachloroethane	0.00061 U	mg/kg	0.0050	0.00061	1	10/09/23 19:31	10/10/23 07:25	79-34-5	
Tetrachloroethene	0.0012 U	mg/kg	0.0050	0.0012	1	10/09/23 19:31	10/10/23 07:25	127-18-4	
Toluene	0.0020 U	mg/kg	0.0050	0.0020	1	10/09/23 19:31	10/10/23 07:25	108-88-3	
1,1,1-Trichloroethane	0.0013 U	mg/kg	0.0050	0.0013	1	10/09/23 19:31	10/10/23 07:25	71-55-6	
1,1,2-Trichloroethane	0.00059 U	mg/kg	0.0050	0.00059	1	10/09/23 19:31	10/10/23 07:25	79-00-5	
Trichloroethene	0.0012 U	mg/kg	0.0050	0.0012	1	10/09/23 19:31	10/10/23 07:25	79-01-6	
Trichlorofluoromethane	0.0025 U	mg/kg	0.0050	0.0025	1	10/09/23 19:31	10/10/23 07:25	75-69-4	
1,2,3-Trichloropropane	0.0015 U	mg/kg	0.0050	0.0015	1	10/09/23 19:31	10/10/23 07:25	96-18-4	
Vinyl acetate	0.0016 U	mg/kg	0.0050	0.0016	1	10/09/23 19:31	10/10/23 07:25	108-05-4	
Vinyl chloride	0.0021 U	mg/kg	0.0050	0.0021	1	10/09/23 19:31	10/10/23 07:25	75-01-4	
Xylene (Total)	0.0051 U	mg/kg	0.015	0.0051	1	10/09/23 19:31	10/10/23 07:25	1330-20-7	
m&p-Xylene	0.0051 U	mg/kg	0.010	0.0051	1	10/09/23 19:31	10/10/23 07:25	179601-23-1	
o-Xylene	0.00096 U	mg/kg	0.0050	0.00096	1	10/09/23 19:31	10/10/23 07:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	68-125		1	10/09/23 19:31	10/10/23 07:25	460-00-4	
Toluene-d8 (S)	111	%	70-130		1	10/09/23 19:31	10/10/23 07:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-008 Lab ID: 35832847008 Collected: 10/05/23 11:30 Received: 10/06/23 11:15 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
8260 MSV 5035 Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach									
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1	10/09/23 19:31	10/10/23 07:25	2199-69-1	
Percent Moisture Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach									
Percent Moisture	16.9	%	0.10	0.10	1		10/18/23 12:13		
2540G Total Solids Analytical Method: SM 2540G Pace Analytical Services - Ormond Beach									
Total Solids	784000	mg/kg	10.0	10.0	1		10/08/23 16:59		
Total Organic Carbon Analytical Method: EPA 9060 Modified Pace Analytical Services - Green Bay									
Surrogates									
RPD%	7.3	%	0.10	0.10	1		10/20/23 10:40		
Total Organic Carbon	3290	mg/kg	719	214	1		10/20/23 10:40	7440-44-0	
Total Organic Carbon	3540	mg/kg	722	215	1		10/20/23 10:46	7440-44-0	
Mean Total Organic Carbon	3420	mg/kg	720	215	1		10/20/23 10:40	7440-44-0	

Sample: 2310221-009 Lab ID: 35832847009 Collected: 10/05/23 11:40 Received: 10/06/23 11:15 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
8081 GCS Pesticides Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach									
Aldrin	0.0012 U	mg/kg	0.012	0.0012	1	10/10/23 17:11	10/11/23 15:54	309-00-2	P1
alpha-BHC	0.00066 U	mg/kg	0.012	0.00066	1	10/10/23 17:11	10/11/23 15:54	319-84-6	P1
beta-BHC	0.0014 U	mg/kg	0.012	0.0014	1	10/10/23 17:11	10/11/23 15:54	319-85-7	P1
delta-BHC	0.00062 U	mg/kg	0.012	0.00062	1	10/10/23 17:11	10/11/23 15:54	319-86-8	P1
gamma-BHC (Lindane)	0.00035 U	mg/kg	0.012	0.00035	1	10/10/23 17:11	10/11/23 15:54	58-89-9	P1
Chlordane (Technical)	0.036 U	mg/kg	0.12	0.036	1	10/10/23 17:11	10/11/23 15:54	57-74-9	P1
4,4'-DDD	0.00054 U	mg/kg	0.012	0.00054	1	10/10/23 17:11	10/11/23 15:54	72-54-8	P1
4,4'-DDE	0.00047 U	mg/kg	0.012	0.00047	1	10/10/23 17:11	10/11/23 15:54	72-55-9	P1
4,4'-DDT	0.00072 U	mg/kg	0.012	0.00072	1	10/10/23 17:11	10/11/23 15:54	50-29-3	P1
Dieldrin	0.00046 U	mg/kg	0.012	0.00046	1	10/10/23 17:11	10/11/23 15:54	60-57-1	P1
Endosulfan I	0.0013 U	mg/kg	0.012	0.0013	1	10/10/23 17:11	10/11/23 15:54	959-98-8	P1
Endosulfan II	0.00054 U	mg/kg	0.012	0.00054	1	10/10/23 17:11	10/11/23 15:54	33213-65-9	P1
Endosulfan sulfate	0.00047 U	mg/kg	0.012	0.00047	1	10/10/23 17:11	10/11/23 15:54	1031-07-8	P1
Endrin	0.00076 U	mg/kg	0.012	0.00076	1	10/10/23 17:11	10/11/23 15:54	72-20-8	P1
Endrin aldehyde	0.00078 U	mg/kg	0.024	0.00078	1	10/10/23 17:11	10/11/23 15:54	7421-93-4	P1
Endrin ketone	0.00056 U	mg/kg	0.012	0.00056	1	10/10/23 17:11	10/11/23 15:54	53494-70-5	P1

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-009 Lab ID: 35832847009 Collected: 10/05/23 11:40 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Heptachlor	0.0013 U	mg/kg	0.012	0.0013	1	10/10/23 17:11	10/11/23 15:54	76-44-8	P1
Heptachlor epoxide	0.00052 U	mg/kg	0.012	0.00052	1	10/10/23 17:11	10/11/23 15:54	1024-57-3	P1
Methoxychlor	0.0018 U	mg/kg	0.012	0.0018	1	10/10/23 17:11	10/11/23 15:54	72-43-5	P1
Toxaphene	0.052 U	mg/kg	0.12	0.052	1	10/10/23 17:11	10/11/23 15:54	8001-35-2	P1
Surrogates									
Tetrachloro-m-xylene (S)	91	%	53-140		1	10/10/23 17:11	10/11/23 15:54	877-09-8	
Decachlorobiphenyl (S)	90	%	43-157		1	10/10/23 17:11	10/11/23 15:54	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	15.8 U	mg/kg	18.3	15.8	1	10/07/23 15:59	10/09/23 20:30		P1
Surrogates									
o-Terphenyl (S)	84	%	66-136		1	10/07/23 15:59	10/09/23 20:30	84-15-1	
N-Pentatriacontane (S)	94	%	42-159		1	10/07/23 15:59	10/09/23 20:30	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.22 U	mg/kg	1.4	0.22	20	10/13/23 11:43	10/15/23 23:03	7440-38-2	
Barium	0.25 U	mg/kg	1.4	0.25	20	10/13/23 11:43	10/15/23 23:03	7440-39-3	
Cadmium	0.036 U	mg/kg	0.16	0.036	20	10/13/23 11:43	10/15/23 23:03	7440-43-9	
Chromium	0.78 U	mg/kg	1.4	0.78	20	10/13/23 11:43	10/15/23 23:03	7440-47-3	
Copper	0.80 I	mg/kg	2.7	0.70	20	10/13/23 11:43	10/15/23 23:03	7440-50-8	
Lead	0.50 U	mg/kg	1.4	0.50	20	10/13/23 11:43	10/15/23 23:03	7439-92-1	
Selenium	0.70 U	mg/kg	1.4	0.70	20	10/13/23 11:43	10/15/23 23:03	7782-49-2	
Silver	0.052 U	mg/kg	0.16	0.052	20	10/13/23 11:43	10/15/23 23:03	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0044 U	mg/kg	0.0088	0.0044	1	10/18/23 11:06	10/18/23 14:02	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.11 U	mg/kg	0.25	0.11	1	10/10/23 18:17	10/20/23 19:03	83-32-9	P1
Acenaphthylene	0.037 U	mg/kg	0.24	0.037	1	10/10/23 18:17	10/20/23 19:03	208-96-8	P1
Aniline	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 19:03	62-53-3	P1
Anthracene	0.032 U	mg/kg	0.25	0.032	1	10/10/23 18:17	10/20/23 19:03	120-12-7	P1
Benzo(a)anthracene	0.031 U	mg/kg	0.24	0.031	1	10/10/23 18:17	10/20/23 19:03	56-55-3	P1
Benzo(a)pyrene	0.058 U	mg/kg	0.24	0.058	1	10/10/23 18:17	10/20/23 19:03	50-32-8	P1
Benzo(b)fluoranthene	0.063 U	mg/kg	0.24	0.063	1	10/10/23 18:17	10/20/23 19:03	205-99-2	P1
Benzo(g,h,i)perylene	0.059 U	mg/kg	0.24	0.059	1	10/10/23 18:17	10/20/23 19:03	191-24-2	P1
Benzo(k)fluoranthene	0.063 U	mg/kg	0.24	0.063	1	10/10/23 18:17	10/20/23 19:03	207-08-9	P1
Benzyl alcohol	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 19:03	100-51-6	J(L1), P1
4-Bromophenylphenyl ether	0.22 U	mg/kg	1.2	0.22	1	10/10/23 18:17	10/20/23 19:03	101-55-3	P1

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-009 Lab ID: 35832847009 Collected: 10/05/23 11:40 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach									
Butylbenzylphthalate	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 19:03	85-68-7	J(L1), P1
4-Chloro-3-methylphenol	0.69 U	mg/kg	4.7	0.69	1	10/10/23 18:17	10/20/23 19:03	59-50-7	P1
4-Chloroaniline	0.18 U	mg/kg	1.2	0.18	1	10/10/23 18:17	10/20/23 19:03	106-47-8	P1
bis(2-Chloroethoxy)methane	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:03	111-91-1	J(L1), P1
bis(2-Chloroethyl) ether	0.076 U	mg/kg	1.2	0.076	1	10/10/23 18:17	10/20/23 19:03	111-44-4	J(L1), P1
bis(2-Chloroisopropyl) ether	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 19:03	108-60-1	P1
2-Chloronaphthalene	0.056 U	mg/kg	1.2	0.056	1	10/10/23 18:17	10/20/23 19:03	91-58-7	P1
2-Chlorophenol	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 19:03	95-57-8	P1
4-Chlorophenylphenyl ether	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:03	7005-72-3	P1
Chrysene	0.031 U	mg/kg	0.24	0.031	1	10/10/23 18:17	10/20/23 19:03	218-01-9	P1
Dibenz(a,h)anthracene	0.054 U	mg/kg	0.24	0.054	1	10/10/23 18:17	10/20/23 19:03	53-70-3	P1
Dibenzofuran	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 19:03	132-64-9	P1
1,2-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:03	95-50-1	J(L1), P1
1,3-Dichlorobenzene	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 19:03	541-73-1	P1
1,4-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:03	106-46-7	P1
3,3'-Dichlorobenzidine	0.23 U	mg/kg	4.7	0.23	1	10/10/23 18:17	10/20/23 19:03	91-94-1	P1
2,4-Dichlorophenol	0.052 U	mg/kg	1.2	0.052	1	10/10/23 18:17	10/20/23 19:03	120-83-2	P1
Diethylphthalate	0.40 U	mg/kg	1.2	0.40	1	10/10/23 18:17	10/20/23 19:03	84-66-2	P1
2,4-Dimethylphenol	0.21 U	mg/kg	1.2	0.21	1	10/10/23 18:17	10/20/23 19:03	105-67-9	P1
Dimethylphthalate	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 19:03	131-11-3	P1
Di-n-butylphthalate	0.92 U	mg/kg	1.2	0.92	1	10/10/23 18:17	10/20/23 19:03	84-74-2	J(L1), P1
4,6-Dinitro-2-methylphenol	1.5 U	mg/kg	4.7	1.5	1	10/10/23 18:17	10/20/23 19:03	534-52-1	P1
2,4-Dinitrophenol	0.69 U	mg/kg	4.7	0.69	1	10/10/23 18:17	10/20/23 19:03	51-28-5	P1
2,4-Dinitrotoluene	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 19:03	121-14-2	P1
2,6-Dinitrotoluene	0.057 U	mg/kg	1.2	0.057	1	10/10/23 18:17	10/20/23 19:03	606-20-2	P1
Di-n-octylphthalate	0.28 U	mg/kg	1.2	0.28	1	10/10/23 18:17	10/20/23 19:03	117-84-0	J(L1), P1
1,2-Diphenylhydrazine	0.26 U	mg/kg	1.2	0.26	1	10/10/23 18:17	10/20/23 19:03	122-66-7	J(L1), P1
bis(2-Ethylhexyl)phthalate	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 19:03	117-81-7	J(L1), P1
Fluoranthene	0.076 U	mg/kg	0.24	0.076	1	10/10/23 18:17	10/20/23 19:03	206-44-0	P1
Fluorene	0.083 U	mg/kg	0.26	0.083	1	10/10/23 18:17	10/20/23 19:03	86-73-7	P1
Hexachloro-1,3-butadiene	0.083 U	mg/kg	1.2	0.083	1	10/10/23 18:17	10/20/23 19:03	87-68-3	P1
Hexachlorobenzene	0.046 U	mg/kg	1.2	0.046	1	10/10/23 18:17	10/20/23 19:03	118-74-1	P1
Hexachlorocyclopentadiene	0.85 U	mg/kg	4.7	0.85	1	10/10/23 18:17	10/20/23 19:03	77-47-4	J(v2),P1
Hexachloroethane	0.18 U	mg/kg	1.2	0.18	1	10/10/23 18:17	10/20/23 19:03	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.053 U	mg/kg	0.24	0.053	1	10/10/23 18:17	10/20/23 19:03	193-39-5	P1
Isophorone	0.20 U	mg/kg	1.2	0.20	1	10/10/23 18:17	10/20/23 19:03	78-59-1	J(L1), P1
1-Methylnaphthalene	0.039 U	mg/kg	0.28	0.039	1	10/10/23 18:17	10/20/23 19:03	90-12-0	P1
2-Methylnaphthalene	0.037 U	mg/kg	0.27	0.037	1	10/10/23 18:17	10/20/23 19:03	91-57-6	P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-009 Lab ID: 35832847009 Collected: 10/05/23 11:40 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
2-Methylphenol(o-Cresol)	0.056 U	mg/kg	1.2	0.056	1	10/10/23 18:17	10/20/23 19:03	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.053 U	mg/kg	1.2	0.053	1	10/10/23 18:17	10/20/23 19:03		P1
Naphthalene	0.083 U	mg/kg	0.24	0.083	1	10/10/23 18:17	10/20/23 19:03	91-20-3	P1
2-Nitroaniline	0.29 U	mg/kg	1.2	0.29	1	10/10/23 18:17	10/20/23 19:03	88-74-4	P1
3-Nitroaniline	0.26 U	mg/kg	1.2	0.26	1	10/10/23 18:17	10/20/23 19:03	99-09-2	J(L1), P1
4-Nitroaniline	0.059 U	mg/kg	1.2	0.059	1	10/10/23 18:17	10/20/23 19:03	100-01-6	P1
Nitrobenzene	0.078 U	mg/kg	1.2	0.078	1	10/10/23 18:17	10/20/23 19:03	98-95-3	J(L1), P1
2-Nitrophenol	0.38 U	mg/kg	1.2	0.38	1	10/10/23 18:17	10/20/23 19:03	88-75-5	P1
4-Nitrophenol	0.51 U	mg/kg	1.5	0.51	1	10/10/23 18:17	10/20/23 19:03	100-02-7	P1
N-Nitrosodimethylamine	0.076 U	mg/kg	1.2	0.076	1	10/10/23 18:17	10/20/23 19:03	62-75-9	J(L1), P1
N-Nitroso-di-n-propylamine	0.046 U	mg/kg	1.2	0.046	1	10/10/23 18:17	10/20/23 19:03	621-64-7	J(L1), P1
N-Nitrosodiphenylamine	0.15 U	mg/kg	1.2	0.15	1	10/10/23 18:17	10/20/23 19:03	86-30-6	J(L1), P1
Pentachlorophenol	0.60 U	mg/kg	4.7	0.60	1	10/10/23 18:17	10/20/23 19:03	87-86-5	P1
Phenanthrene	0.033 U	mg/kg	0.24	0.033	1	10/10/23 18:17	10/20/23 19:03	85-01-8	P1
Phenol	0.22 U	mg/kg	1.2	0.22	1	10/10/23 18:17	10/20/23 19:03	108-95-2	P1
Pyrene	0.069 U	mg/kg	0.24	0.069	1	10/10/23 18:17	10/20/23 19:03	129-00-0	P1
1,2,4-Trichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:03	120-82-1	P1
2,4,5-Trichlorophenol	0.047 U	mg/kg	1.2	0.047	1	10/10/23 18:17	10/20/23 19:03	95-95-4	P1
2,4,6-Trichlorophenol	0.064 U	mg/kg	1.2	0.064	1	10/10/23 18:17	10/20/23 19:03	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	82	%	24-98		1	10/10/23 18:17	10/20/23 19:03	4165-60-0	
2-Fluorobiphenyl (S)	78	%	29-101		1	10/10/23 18:17	10/20/23 19:03	321-60-8	
p-Terphenyl-d14 (S)	89	%	29-112		1	10/10/23 18:17	10/20/23 19:03	1718-51-0	
Phenol-d6 (S)	77	%	10-104		1	10/10/23 18:17	10/20/23 19:03	13127-88-3	
2-Fluorophenol (S)	78	%	19-95		1	10/10/23 18:17	10/20/23 19:03	367-12-4	
2,4,6-Tribromophenol (S)	76	%	23-110		1	10/10/23 18:17	10/20/23 19:03	118-79-6	

8260 MSV 5035

Analytical Method: EPA 8260 Preparation Method: EPA 5035

Pace Analytical Services - Ormond Beach

Acetone	0.18	mg/kg	0.059	0.026	1	10/09/23 19:31	10/10/23 07:48	67-64-1	
Acetonitrile	0.018 U	mg/kg	0.059	0.018	1	10/09/23 19:31	10/10/23 07:48	75-05-8	
Benzene	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 07:48	71-43-2	
Bromochloromethane	0.00088 U	mg/kg	0.0059	0.00088	1	10/09/23 19:31	10/10/23 07:48	74-97-5	J(v1)
Bromodichloromethane	0.0013 U	mg/kg	0.0059	0.0013	1	10/09/23 19:31	10/10/23 07:48	75-27-4	
Bromoform	0.0013 U	mg/kg	0.0059	0.0013	1	10/09/23 19:31	10/10/23 07:48	75-25-2	
Bromomethane	0.0021 U	mg/kg	0.0059	0.0021	1	10/09/23 19:31	10/10/23 07:48	74-83-9	
2-Butanone (MEK)	0.0059 U	mg/kg	0.059	0.0059	1	10/09/23 19:31	10/10/23 07:48	78-93-3	
Carbon disulfide	0.0030 U	mg/kg	0.0059	0.0030	1	10/09/23 19:31	10/10/23 07:48	75-15-0	J(v1)
Carbon tetrachloride	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 07:48	56-23-5	
Chlorobenzene	0.0011 U	mg/kg	0.0059	0.0011	1	10/09/23 19:31	10/10/23 07:48	108-90-7	
Chloroethane	0.0025 U	mg/kg	0.0059	0.0025	1	10/09/23 19:31	10/10/23 07:48	75-00-3	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-009 Lab ID: 35832847009 Collected: 10/05/23 11:40 Received: 10/06/23 11:15 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	
8260 MSV 5035										
Analytical Method: EPA 8260 Preparation Method: EPA 5035										
Pace Analytical Services - Ormond Beach										
Chloroform	0.0022 U	mg/kg	0.0059	0.0022	1	10/09/23 19:31	10/10/23 07:48	67-66-3	J(v1)	
Chloromethane	0.0023 U	mg/kg	0.0059	0.0023	1	10/09/23 19:31	10/10/23 07:48	74-87-3		
1,2-Dibromo-3-chloropropane	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 07:48	96-12-8		
Dibromochloromethane	0.0010 U	mg/kg	0.0059	0.0010	1	10/09/23 19:31	10/10/23 07:48	124-48-1		
1,2-Dibromoethane (EDB)	0.00088 U	mg/kg	0.0059	0.00088	1	10/09/23 19:31	10/10/23 07:48	106-93-4		
Dibromomethane	0.00084 U	mg/kg	0.0059	0.00084	1	10/09/23 19:31	10/10/23 07:48	74-95-3		
1,2-Dichlorobenzene	0.00090 U	mg/kg	0.0059	0.00090	1	10/09/23 19:31	10/10/23 07:48	95-50-1		
1,4-Dichlorobenzene	0.00080 U	mg/kg	0.0059	0.00080	1	10/09/23 19:31	10/10/23 07:48	106-46-7		
trans-1,4-Dichloro-2-butene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 07:48	110-57-6		
1,1-Dichloroethane	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 07:48	75-34-3		
1,2-Dichloroethane	0.00091 U	mg/kg	0.0059	0.00091	1	10/09/23 19:31	10/10/23 07:48	107-06-2		
1,2-Dichloroethene (Total)	0.0036 U	mg/kg	0.0059	0.0036	1	10/09/23 19:31	10/10/23 07:48	540-59-0		
1,1-Dichloroethene	0.0030 U	mg/kg	0.0059	0.0030	1	10/09/23 19:31	10/10/23 07:48	75-35-4		
cis-1,2-Dichloroethene	0.0013 U	mg/kg	0.0059	0.0013	1	10/09/23 19:31	10/10/23 07:48	156-59-2		
trans-1,2-Dichloroethene	0.0015 U	mg/kg	0.0059	0.0015	1	10/09/23 19:31	10/10/23 07:48	156-60-5		
1,2-Dichloropropane	0.0011 U	mg/kg	0.0059	0.0011	1	10/09/23 19:31	10/10/23 07:48	78-87-5		
cis-1,3-Dichloropropene	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 07:48	10061-01-5		
trans-1,3-Dichloropropene	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 07:48	10061-02-6		
Ethylbenzene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 07:48	100-41-4		
2-Hexanone	0.0059 U	mg/kg	0.030	0.0059	1	10/09/23 19:31	10/10/23 07:48	591-78-6		
Iodomethane	0.0013 U	mg/kg	0.012	0.0013	1	10/09/23 19:31	10/10/23 07:48	74-88-4		
Isopropylbenzene (Cumene)	0.0015 U	mg/kg	0.0059	0.0015	1	10/09/23 19:31	10/10/23 07:48	98-82-8		
Methylene Chloride	0.0052 U	mg/kg	0.0059	0.0052	1	10/09/23 19:31	10/10/23 07:48	75-09-2		
4-Methyl-2-pentanone (MIBK)	0.0059 U	mg/kg	0.030	0.0059	1	10/09/23 19:31	10/10/23 07:48	108-10-1		
Methyl-tert-butyl ether	0.0018 U	mg/kg	0.0059	0.0018	1	10/09/23 19:31	10/10/23 07:48	1634-04-4		
Styrene	0.0030 U	mg/kg	0.0059	0.0030	1	10/09/23 19:31	10/10/23 07:48	100-42-5		
1,1,1,2-Tetrachloroethane	0.0012 U	mg/kg	0.0059	0.0012	1	10/09/23 19:31	10/10/23 07:48	630-20-6		
1,1,2,2-Tetrachloroethane	0.00072 U	mg/kg	0.0059	0.00072	1	10/09/23 19:31	10/10/23 07:48	79-34-5		
Tetrachloroethene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 07:48	127-18-4		
Toluene	0.0024 U	mg/kg	0.0059	0.0024	1	10/09/23 19:31	10/10/23 07:48	108-88-3		
1,1,1-Trichloroethane	0.0015 U	mg/kg	0.0059	0.0015	1	10/09/23 19:31	10/10/23 07:48	71-55-6		
1,1,2-Trichloroethane	0.00070 U	mg/kg	0.0059	0.00070	1	10/09/23 19:31	10/10/23 07:48	79-00-5		
Trichloroethene	0.0014 U	mg/kg	0.0059	0.0014	1	10/09/23 19:31	10/10/23 07:48	79-01-6		
Trichlorofluoromethane	0.0030 U	mg/kg	0.0059	0.0030	1	10/09/23 19:31	10/10/23 07:48	75-69-4		
1,2,3-Trichloropropane	0.0018 U	mg/kg	0.0059	0.0018	1	10/09/23 19:31	10/10/23 07:48	96-18-4		
Vinyl acetate	0.0019 U	mg/kg	0.0059	0.0019	1	10/09/23 19:31	10/10/23 07:48	108-05-4		
Vinyl chloride	0.0025 U	mg/kg	0.0059	0.0025	1	10/09/23 19:31	10/10/23 07:48	75-01-4		
Xylene (Total)	0.0061 U	mg/kg	0.018	0.0061	1	10/09/23 19:31	10/10/23 07:48	1330-20-7		
m&p-Xylene	0.0061 U	mg/kg	0.012	0.0061	1	10/09/23 19:31	10/10/23 07:48	179601-23-1		
o-Xylene	0.0011 U	mg/kg	0.0059	0.0011	1	10/09/23 19:31	10/10/23 07:48	95-47-6		
Surrogates										
4-Bromofluorobenzene (S)	105	%	68-125		1	10/09/23 19:31	10/10/23 07:48	460-00-4		
Toluene-d8 (S)	109	%	70-130		1	10/09/23 19:31	10/10/23 07:48	2037-26-5		
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/09/23 19:31	10/10/23 07:48	2199-69-1		

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-009 Lab ID: 35832847009 Collected: 10/05/23 11:40 Received: 10/06/23 11:15 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
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Ormond Beach								
Percent Moisture	18.2	%	0.10	0.10	1		10/18/23 12:14		
2540G Total Solids	Analytical Method: SM 2540G Pace Analytical Services - Ormond Beach								
Total Solids	818000	mg/kg	10.0	10.0	1		10/08/23 16:59		
Total Organic Carbon	Analytical Method: EPA 9060 Modified Pace Analytical Services - Green Bay								
Surrogates									
RPD%	15.9	%	0.10	0.10	1		10/20/23 10:52		
Total Organic Carbon	1760	mg/kg	733	219	1		10/20/23 10:52	7440-44-0	
Total Organic Carbon	1500	mg/kg	727	217	1		10/20/23 10:58	7440-44-0	
Mean Total Organic Carbon	1630	mg/kg	730	218	1		10/20/23 10:52	7440-44-0	

Sample: 2310221-010 Lab ID: 35832847010 Collected: 10/05/23 11:50 Received: 10/06/23 11:15 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
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Aldrin	0.0013 U	mg/kg	0.013	0.0013	1	10/10/23 17:11	10/11/23 16:07	309-00-2	P1
alpha-BHC	0.00072 U	mg/kg	0.013	0.00072	1	10/10/23 17:11	10/11/23 16:07	319-84-6	P1
beta-BHC	0.0016 U	mg/kg	0.013	0.0016	1	10/10/23 17:11	10/11/23 16:07	319-85-7	P1
delta-BHC	0.00068 U	mg/kg	0.013	0.00068	1	10/10/23 17:11	10/11/23 16:07	319-86-8	P1
gamma-BHC (Lindane)	0.00038 U	mg/kg	0.013	0.00038	1	10/10/23 17:11	10/11/23 16:07	58-89-9	P1
Chlordane (Technical)	0.040 U	mg/kg	0.13	0.040	1	10/10/23 17:11	10/11/23 16:07	57-74-9	P1
4,4'-DDD	0.00059 U	mg/kg	0.013	0.00059	1	10/10/23 17:11	10/11/23 16:07	72-54-8	P1
4,4'-DDE	0.00052 U	mg/kg	0.013	0.00052	1	10/10/23 17:11	10/11/23 16:07	72-55-9	P1
4,4'-DDT	0.00079 U	mg/kg	0.013	0.00079	1	10/10/23 17:11	10/11/23 16:07	50-29-3	P1
Dieldrin	0.00050 U	mg/kg	0.013	0.00050	1	10/10/23 17:11	10/11/23 16:07	60-57-1	P1
Endosulfan I	0.0015 U	mg/kg	0.013	0.0015	1	10/10/23 17:11	10/11/23 16:07	959-98-8	P1
Endosulfan II	0.00059 U	mg/kg	0.013	0.00059	1	10/10/23 17:11	10/11/23 16:07	33213-65-9	P1
Endosulfan sulfate	0.00052 U	mg/kg	0.013	0.00052	1	10/10/23 17:11	10/11/23 16:07	1031-07-8	P1
Endrin	0.00083 U	mg/kg	0.013	0.00083	1	10/10/23 17:11	10/11/23 16:07	72-20-8	P1
Endrin aldehyde	0.00085 U	mg/kg	0.026	0.00085	1	10/10/23 17:11	10/11/23 16:07	7421-93-4	P1
Endrin ketone	0.00061 U	mg/kg	0.013	0.00061	1	10/10/23 17:11	10/11/23 16:07	53494-70-5	P1
Heptachlor	0.0014 U	mg/kg	0.013	0.0014	1	10/10/23 17:11	10/11/23 16:07	76-44-8	P1
Heptachlor epoxide	0.00057 U	mg/kg	0.013	0.00057	1	10/10/23 17:11	10/11/23 16:07	1024-57-3	P1
Methoxychlor	0.0019 U	mg/kg	0.013	0.0019	1	10/10/23 17:11	10/11/23 16:07	72-43-5	P1
Toxaphene	0.057 U	mg/kg	0.13	0.057	1	10/10/23 17:11	10/11/23 16:07	8001-35-2	P1
Surrogates									
Tetrachloro-m-xylene (S)	98	%	53-140		1	10/10/23 17:11	10/11/23 16:07	877-09-8	

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-010 Lab ID: 35832847010 Collected: 10/05/23 11:50 Received: 10/06/23 11:15 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
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
Decachlorobiphenyl (S)	97	%	43-157		1	10/10/23 17:11	10/11/23 16:07	2051-24-3	
FL-PRO Soil Microwave									
Analytical Method: FL-PRO Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Petroleum Range Organics	33.9 U	mg/kg	39.4	33.9	1	10/07/23 15:59	10/09/23 20:44		P1
Surrogates									
o-Terphenyl (S)	80	%	66-136		1	10/07/23 15:59	10/09/23 20:44	84-15-1	
N-Pentatriacontane (S)	92	%	42-159		1	10/07/23 15:59	10/09/23 20:44	630-07-09	
6020 MET ICPMS									
Analytical Method: EPA 6020 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.23 U	mg/kg	1.4	0.23	20	10/13/23 11:43	10/15/23 23:06	7440-38-2	
Barium	0.26 U	mg/kg	1.4	0.26	20	10/13/23 11:43	10/15/23 23:06	7440-39-3	
Cadmium	0.037 U	mg/kg	0.17	0.037	20	10/13/23 11:43	10/15/23 23:06	7440-43-9	
Chromium	0.82 U	mg/kg	1.4	0.82	20	10/13/23 11:43	10/15/23 23:06	7440-47-3	
Copper	1.1 I	mg/kg	2.9	0.73	20	10/13/23 11:43	10/15/23 23:06	7440-50-8	
Lead	0.52 U	mg/kg	1.4	0.52	20	10/13/23 11:43	10/15/23 23:06	7439-92-1	
Selenium	0.74 U	mg/kg	1.4	0.74	20	10/13/23 11:43	10/15/23 23:06	7782-49-2	
Silver	0.055 U	mg/kg	0.17	0.055	20	10/13/23 11:43	10/15/23 23:06	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0052 U	mg/kg	0.010	0.0052	1	10/18/23 11:06	10/18/23 14:04	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.12 U	mg/kg	0.26	0.12	1	10/10/23 18:17	10/20/23 19:29	83-32-9	P1
Acenaphthylene	0.039 U	mg/kg	0.25	0.039	1	10/10/23 18:17	10/20/23 19:29	208-96-8	P1
Aniline	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 19:29	62-53-3	P1
Anthracene	0.033 U	mg/kg	0.26	0.033	1	10/10/23 18:17	10/20/23 19:29	120-12-7	P1
Benzo(a)anthracene	0.033 U	mg/kg	0.25	0.033	1	10/10/23 18:17	10/20/23 19:29	56-55-3	P1
Benzo(a)pyrene	0.061 U	mg/kg	0.25	0.061	1	10/10/23 18:17	10/20/23 19:29	50-32-8	P1
Benzo(b)fluoranthene	0.066 U	mg/kg	0.25	0.066	1	10/10/23 18:17	10/20/23 19:29	205-99-2	P1
Benzo(g,h,i)perylene	0.062 U	mg/kg	0.25	0.062	1	10/10/23 18:17	10/20/23 19:29	191-24-2	P1
Benzo(k)fluoranthene	0.066 U	mg/kg	0.25	0.066	1	10/10/23 18:17	10/20/23 19:29	207-08-9	P1
Benzyl alcohol	0.25 U	mg/kg	1.2	0.25	1	10/10/23 18:17	10/20/23 19:29	100-51-6	J(L1), P1
4-Bromophenylphenyl ether	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 19:29	101-55-3	P1
Butylbenzylphthalate	0.25 U	mg/kg	1.2	0.25	1	10/10/23 18:17	10/20/23 19:29	85-68-7	J(L1), P1
4-Chloro-3-methylphenol	0.73 U	mg/kg	4.9	0.73	1	10/10/23 18:17	10/20/23 19:29	59-50-7	P1
4-Chloroaniline	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 19:29	106-47-8	P1
bis(2-Chloroethoxy)methane	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	111-91-1	J(L1), P1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-010 Lab ID: 35832847010 Collected: 10/05/23 11:50 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach									
bis(2-Chloroethyl) ether	0.080 U	mg/kg	1.2	0.080	1	10/10/23 18:17	10/20/23 19:29	111-44-4	J(L1), P1
bis(2-Chloroisopropyl) ether	0.25 U	mg/kg	1.2	0.25	1	10/10/23 18:17	10/20/23 19:29	108-60-1	P1
2-Chloronaphthalene	0.058 U	mg/kg	1.2	0.058	1	10/10/23 18:17	10/20/23 19:29	91-58-7	P1
2-Chlorophenol	0.20 U	mg/kg	1.2	0.20	1	10/10/23 18:17	10/20/23 19:29	95-57-8	P1
4-Chlorophenylphenyl ether	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	7005-72-3	P1
Chrysene	0.033 U	mg/kg	0.25	0.033	1	10/10/23 18:17	10/20/23 19:29	218-01-9	P1
Dibenz(a,h)anthracene	0.057 U	mg/kg	0.25	0.057	1	10/10/23 18:17	10/20/23 19:29	53-70-3	P1
Dibenzofuran	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	132-64-9	P1
1,2-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	95-50-1	J(L1), P1
1,3-Dichlorobenzene	0.24 U	mg/kg	1.2	0.24	1	10/10/23 18:17	10/20/23 19:29	541-73-1	P1
1,4-Dichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	106-46-7	P1
3,3'-Dichlorobenzidine	0.24 U	mg/kg	4.9	0.24	1	10/10/23 18:17	10/20/23 19:29	91-94-1	P1
2,4-Dichlorophenol	0.055 U	mg/kg	1.2	0.055	1	10/10/23 18:17	10/20/23 19:29	120-83-2	P1
Diethylphthalate	0.42 U	mg/kg	1.2	0.42	1	10/10/23 18:17	10/20/23 19:29	84-66-2	P1
2,4-Dimethylphenol	0.22 U	mg/kg	1.2	0.22	1	10/10/23 18:17	10/20/23 19:29	105-67-9	P1
Dimethylphthalate	0.20 U	mg/kg	1.2	0.20	1	10/10/23 18:17	10/20/23 19:29	131-11-3	P1
Di-n-butylphthalate	0.97 U	mg/kg	1.2	0.97	1	10/10/23 18:17	10/20/23 19:29	84-74-2	J(L1), P1
4,6-Dinitro-2-methylphenol	1.6 U	mg/kg	4.9	1.6	1	10/10/23 18:17	10/20/23 19:29	534-52-1	P1
2,4-Dinitrophenol	0.73 U	mg/kg	4.9	0.73	1	10/10/23 18:17	10/20/23 19:29	51-28-5	P1
2,4-Dinitrotoluene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	121-14-2	P1
2,6-Dinitrotoluene	0.060 U	mg/kg	1.2	0.060	1	10/10/23 18:17	10/20/23 19:29	606-20-2	P1
Di-n-octylphthalate	0.30 U	mg/kg	1.2	0.30	1	10/10/23 18:17	10/20/23 19:29	117-84-0	J(L1), P1
1,2-Diphenylhydrazine	0.27 U	mg/kg	1.2	0.27	1	10/10/23 18:17	10/20/23 19:29	122-66-7	J(L1), P1
bis(2-Ethylhexyl)phthalate	0.25 U	mg/kg	1.2	0.25	1	10/10/23 18:17	10/20/23 19:29	117-81-7	J(L1), P1
Fluoranthene	0.080 U	mg/kg	0.25	0.080	1	10/10/23 18:17	10/20/23 19:29	206-44-0	P1
Fluorene	0.087 U	mg/kg	0.27	0.087	1	10/10/23 18:17	10/20/23 19:29	86-73-7	P1
Hexachloro-1,3-butadiene	0.087 U	mg/kg	1.2	0.087	1	10/10/23 18:17	10/20/23 19:29	87-68-3	P1
Hexachlorobenzene	0.048 U	mg/kg	1.2	0.048	1	10/10/23 18:17	10/20/23 19:29	118-74-1	P1
Hexachlorocyclopentadiene	0.90 U	mg/kg	4.9	0.90	1	10/10/23 18:17	10/20/23 19:29	77-47-4	J(v2),P1
Hexachloroethane	0.19 U	mg/kg	1.2	0.19	1	10/10/23 18:17	10/20/23 19:29	67-72-1	P1
Indeno(1,2,3-cd)pyrene	0.056 U	mg/kg	0.25	0.056	1	10/10/23 18:17	10/20/23 19:29	193-39-5	P1
Isophorone	0.21 U	mg/kg	1.2	0.21	1	10/10/23 18:17	10/20/23 19:29	78-59-1	J(L1), P1
1-Methylnaphthalene	0.041 U	mg/kg	0.29	0.041	1	10/10/23 18:17	10/20/23 19:29	90-12-0	P1
2-Methylnaphthalene	0.039 U	mg/kg	0.28	0.039	1	10/10/23 18:17	10/20/23 19:29	91-57-6	P1
2-Methylphenol(o-Cresol)	0.059 U	mg/kg	1.2	0.059	1	10/10/23 18:17	10/20/23 19:29	95-48-7	P1
3&4-Methylphenol(m&p Cresol)	0.056 U	mg/kg	1.2	0.056	1	10/10/23 18:17	10/20/23 19:29		P1
Naphthalene	0.087 U	mg/kg	0.25	0.087	1	10/10/23 18:17	10/20/23 19:29	91-20-3	P1
2-Nitroaniline	0.31 U	mg/kg	1.2	0.31	1	10/10/23 18:17	10/20/23 19:29	88-74-4	P1
3-Nitroaniline	0.27 U	mg/kg	1.2	0.27	1	10/10/23 18:17	10/20/23 19:29	99-09-2	J(L1), P1

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-010 Lab ID: 35832847010 Collected: 10/05/23 11:50 Received: 10/06/23 11:15 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
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
4-Nitroaniline	0.062 U	mg/kg	1.2	0.062	1	10/10/23 18:17	10/20/23 19:29	100-01-6	P1
Nitrobenzene	0.082 U	mg/kg	1.2	0.082	1	10/10/23 18:17	10/20/23 19:29	98-95-3	J(L1), P1
2-Nitrophenol	0.39 U	mg/kg	1.2	0.39	1	10/10/23 18:17	10/20/23 19:29	88-75-5	P1
4-Nitrophenol	0.53 U	mg/kg	1.6	0.53	1	10/10/23 18:17	10/20/23 19:29	100-02-7	P1
N-Nitrosodimethylamine	0.080 U	mg/kg	1.2	0.080	1	10/10/23 18:17	10/20/23 19:29	62-75-9	J(L1), P1
N-Nitroso-di-n-propylamine	0.048 U	mg/kg	1.2	0.048	1	10/10/23 18:17	10/20/23 19:29	621-64-7	J(L1), P1
N-Nitrosodiphenylamine	0.16 U	mg/kg	1.2	0.16	1	10/10/23 18:17	10/20/23 19:29	86-30-6	J(L1), P1
Pentachlorophenol	0.63 U	mg/kg	4.9	0.63	1	10/10/23 18:17	10/20/23 19:29	87-86-5	P1
Phenanthrene	0.035 U	mg/kg	0.25	0.035	1	10/10/23 18:17	10/20/23 19:29	85-01-8	P1
Phenol	0.23 U	mg/kg	1.2	0.23	1	10/10/23 18:17	10/20/23 19:29	108-95-2	P1
Pyrene	0.072 U	mg/kg	0.25	0.072	1	10/10/23 18:17	10/20/23 19:29	129-00-0	P1
1,2,4-Trichlorobenzene	0.17 U	mg/kg	1.2	0.17	1	10/10/23 18:17	10/20/23 19:29	120-82-1	P1
2,4,5-Trichlorophenol	0.049 U	mg/kg	1.2	0.049	1	10/10/23 18:17	10/20/23 19:29	95-95-4	P1
2,4,6-Trichlorophenol	0.067 U	mg/kg	1.2	0.067	1	10/10/23 18:17	10/20/23 19:29	88-06-2	P1
Surrogates									
Nitrobenzene-d5 (S)	82	%	24-98		1	10/10/23 18:17	10/20/23 19:29	4165-60-0	
2-Fluorobiphenyl (S)	82	%	29-101		1	10/10/23 18:17	10/20/23 19:29	321-60-8	
p-Terphenyl-d14 (S)	99	%	29-112		1	10/10/23 18:17	10/20/23 19:29	1718-51-0	
Phenol-d6 (S)	77	%	10-104		1	10/10/23 18:17	10/20/23 19:29	13127-88-3	
2-Fluorophenol (S)	77	%	19-95		1	10/10/23 18:17	10/20/23 19:29	367-12-4	
2,4,6-Tribromophenol (S)	78	%	23-110		1	10/10/23 18:17	10/20/23 19:29	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.19	mg/kg	0.056	0.025	1	10/10/23 02:56	10/10/23 08:21	67-64-1	
Acetonitrile	0.017 U	mg/kg	0.056	0.017	1	10/10/23 02:56	10/10/23 08:21	75-05-8	
Benzene	0.0011 U	mg/kg	0.0056	0.0011	1	10/10/23 02:56	10/10/23 08:21	71-43-2	
Bromochloromethane	0.00084 U	mg/kg	0.0056	0.00084	1	10/10/23 02:56	10/10/23 08:21	74-97-5	
Bromodichloromethane	0.0012 U	mg/kg	0.0056	0.0012	1	10/10/23 02:56	10/10/23 08:21	75-27-4	
Bromoform	0.0012 U	mg/kg	0.0056	0.0012	1	10/10/23 02:56	10/10/23 08:21	75-25-2	
Bromomethane	0.0020 U	mg/kg	0.0056	0.0020	1	10/10/23 02:56	10/10/23 08:21	74-83-9	J(v2)
2-Butanone (MEK)	0.0056 U	mg/kg	0.056	0.0056	1	10/10/23 02:56	10/10/23 08:21	78-93-3	
Carbon disulfide	0.0028 U	mg/kg	0.0056	0.0028	1	10/10/23 02:56	10/10/23 08:21	75-15-0	
Carbon tetrachloride	0.0014 U	mg/kg	0.0056	0.0014	1	10/10/23 02:56	10/10/23 08:21	56-23-5	
Chlorobenzene	0.0010 U	mg/kg	0.0056	0.0010	1	10/10/23 02:56	10/10/23 08:21	108-90-7	
Chloroethane	0.0024 U	mg/kg	0.0056	0.0024	1	10/10/23 02:56	10/10/23 08:21	75-00-3	
Chloroform	0.0021 U	mg/kg	0.0056	0.0021	1	10/10/23 02:56	10/10/23 08:21	67-66-3	
Chloromethane	0.0022 U	mg/kg	0.0056	0.0022	1	10/10/23 02:56	10/10/23 08:21	74-87-3	
1,2-Dibromo-3-chloropropane	0.0014 U	mg/kg	0.0056	0.0014	1	10/10/23 02:56	10/10/23 08:21	96-12-8	
Dibromochloromethane	0.00098 U	mg/kg	0.0056	0.00098	1	10/10/23 02:56	10/10/23 08:21	124-48-1	
1,2-Dibromoethane (EDB)	0.00084 U	mg/kg	0.0056	0.00084	1	10/10/23 02:56	10/10/23 08:21	106-93-4	

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ANALYTICAL RESULTS

Project: 2310221

Pace Project No.: 35832847

Sample: 2310221-010 Lab ID: 35832847010 Collected: 10/05/23 11:50 Received: 10/06/23 11:15 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
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Dibromomethane	0.00080 U	mg/kg	0.0056	0.00080	1	10/10/23 02:56	10/10/23 08:21	74-95-3	
1,2-Dichlorobenzene	0.00086 U	mg/kg	0.0056	0.00086	1	10/10/23 02:56	10/10/23 08:21	95-50-1	
1,4-Dichlorobenzene	0.00076 U	mg/kg	0.0056	0.00076	1	10/10/23 02:56	10/10/23 08:21	106-46-7	
trans-1,4-Dichloro-2-butene	0.0014 U	mg/kg	0.0056	0.0014	1	10/10/23 02:56	10/10/23 08:21	110-57-6	
1,1-Dichloroethane	0.0011 U	mg/kg	0.0056	0.0011	1	10/10/23 02:56	10/10/23 08:21	75-34-3	
1,2-Dichloroethane	0.00087 U	mg/kg	0.0056	0.00087	1	10/10/23 02:56	10/10/23 08:21	107-06-2	
1,2-Dichloroethene (Total)	0.0034 U	mg/kg	0.0056	0.0034	1	10/10/23 02:56	10/10/23 08:21	540-59-0	
1,1-Dichloroethene	0.0028 U	mg/kg	0.0056	0.0028	1	10/10/23 02:56	10/10/23 08:21	75-35-4	
cis-1,2-Dichloroethene	0.0012 U	mg/kg	0.0056	0.0012	1	10/10/23 02:56	10/10/23 08:21	156-59-2	
trans-1,2-Dichloroethene	0.0015 U	mg/kg	0.0056	0.0015	1	10/10/23 02:56	10/10/23 08:21	156-60-5	
1,2-Dichloropropane	0.0010 U	mg/kg	0.0056	0.0010	1	10/10/23 02:56	10/10/23 08:21	78-87-5	
cis-1,3-Dichloropropene	0.0011 U	mg/kg	0.0056	0.0011	1	10/10/23 02:56	10/10/23 08:21	10061-01-5	
trans-1,3-Dichloropropene	0.0011 U	mg/kg	0.0056	0.0011	1	10/10/23 02:56	10/10/23 08:21	10061-02-6	
Ethylbenzene	0.0014 U	mg/kg	0.0056	0.0014	1	10/10/23 02:56	10/10/23 08:21	100-41-4	
2-Hexanone	0.0056 U	mg/kg	0.028	0.0056	1	10/10/23 02:56	10/10/23 08:21	591-78-6	
Iodomethane	0.0012 U	mg/kg	0.011	0.0012	1	10/10/23 02:56	10/10/23 08:21	74-88-4	J(v1)
Isopropylbenzene (Cumene)	0.0015 U	mg/kg	0.0056	0.0015	1	10/10/23 02:56	10/10/23 08:21	98-82-8	
Methylene Chloride	0.0050 U	mg/kg	0.0056	0.0050	1	10/10/23 02:56	10/10/23 08:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0056 U	mg/kg	0.028	0.0056	1	10/10/23 02:56	10/10/23 08:21	108-10-1	
Methyl-tert-butyl ether	0.0017 U	mg/kg	0.0056	0.0017	1	10/10/23 02:56	10/10/23 08:21	1634-04-4	
Styrene	0.0028 U	mg/kg	0.0056	0.0028	1	10/10/23 02:56	10/10/23 08:21	100-42-5	
1,1,1,2-Tetrachloroethane	0.0011 U	mg/kg	0.0056	0.0011	1	10/10/23 02:56	10/10/23 08:21	630-20-6	
1,1,2,2-Tetrachloroethane	0.00069 U	mg/kg	0.0056	0.00069	1	10/10/23 02:56	10/10/23 08:21	79-34-5	
Tetrachloroethene	0.0014 U	mg/kg	0.0056	0.0014	1	10/10/23 02:56	10/10/23 08:21	127-18-4	
Toluene	0.0023 U	mg/kg	0.0056	0.0023	1	10/10/23 02:56	10/10/23 08:21	108-88-3	
1,1,1-Trichloroethane	0.0015 U	mg/kg	0.0056	0.0015	1	10/10/23 02:56	10/10/23 08:21	71-55-6	
1,1,2-Trichloroethane	0.00067 U	mg/kg	0.0056	0.00067	1	10/10/23 02:56	10/10/23 08:21	79-00-5	
Trichloroethene	0.0014 U	mg/kg	0.0056	0.0014	1	10/10/23 02:56	10/10/23 08:21	79-01-6	
Trichlorofluoromethane	0.0028 U	mg/kg	0.0056	0.0028	1	10/10/23 02:56	10/10/23 08:21	75-69-4	
1,2,3-Trichloropropane	0.0017 U	mg/kg	0.0056	0.0017	1	10/10/23 02:56	10/10/23 08:21	96-18-4	
Vinyl acetate	0.0018 U	mg/kg	0.0056	0.0018	1	10/10/23 02:56	10/10/23 08:21	108-05-4	
Vinyl chloride	0.0024 U	mg/kg	0.0056	0.0024	1	10/10/23 02:56	10/10/23 08:21	75-01-4	
Xylene (Total)	0.0058 U	mg/kg	0.017	0.0058	1	10/10/23 02:56	10/10/23 08:21	1330-20-7	
m&p-Xylene	0.0058 U	mg/kg	0.011	0.0058	1	10/10/23 02:56	10/10/23 08:21	179601-23-1	
o-Xylene	0.0011 U	mg/kg	0.0056	0.0011	1	10/10/23 02:56	10/10/23 08:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	68-125		1	10/10/23 02:56	10/10/23 08:21	460-00-4	
Toluene-d8 (S)	102	%	70-130		1	10/10/23 02:56	10/10/23 08:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/10/23 02:56	10/10/23 08:21	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Ormond Beach

Percent Moisture	24.1	%	0.10	0.10	1	10/18/23 12:14
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2310221
Pace Project No.: 35832847

Sample: 2310221-010 Lab ID: 35832847010 Collected: 10/05/23 11:50 Received: 10/06/23 11:15 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
2540G Total Solids									
Analytical Method: SM 2540G									
Pace Analytical Services - Ormond Beach									
Total Solids	748000	mg/kg	10.0	10.0	1		10/08/23 16:59		
Total Organic Carbon									
Analytical Method: EPA 9060 Modified									
Pace Analytical Services - Green Bay									
Surrogates									
RPD%	1.1	%	0.10	0.10	1		10/20/23 11:05		
Total Organic Carbon	989	mg/kg	783	234	1		10/20/23 11:05	7440-44-0	
Total Organic Carbon	978	mg/kg	790	236	1		10/20/23 11:10	7440-44-0	
Mean Total Organic Carbon	983	mg/kg	787	235	1		10/20/23 11:05	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2310221

Pace Project No.: 35832847

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.

BATCH QUALIFIERS

Batch: 957195

[1] Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Batch: 958003

[1] Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U Compound was analyzed for but not detected.

J(L1) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

J(M0) Estimated Value. Matrix spike recovery was outside 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(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.

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: 2310221
Pace Project No.: 35832847

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35832847001	2310221-001	EPA 3546	956660	EPA 8081	957036
35832847002	2310221-002	EPA 3546	956660	EPA 8081	957036
35832847003	2310221-003	EPA 3546	956884	EPA 8081	957028
35832847004	2310221-004	EPA 3546	956884	EPA 8081	957028
35832847005	2310221-005	EPA 3546	956884	EPA 8081	957028
35832847006	2310221-006	EPA 3546	956884	EPA 8081	957028
35832847007	2310221-007	EPA 3546	956884	EPA 8081	957028
35832847008	2310221-008	EPA 3546	956884	EPA 8081	957028
35832847009	2310221-009	EPA 3546	956884	EPA 8081	957028
35832847010	2310221-010	EPA 3546	956884	EPA 8081	957028
35832847001	2310221-001	EPA 3546	956155	FL-PRO	956340
35832847002	2310221-002	EPA 3546	956155	FL-PRO	956340
35832847003	2310221-003	EPA 3546	956155	FL-PRO	956340
35832847004	2310221-004	EPA 3546	956155	FL-PRO	956340
35832847005	2310221-005	EPA 3546	956155	FL-PRO	956340
35832847006	2310221-006	EPA 3546	956155	FL-PRO	956340
35832847007	2310221-007	EPA 3546	956155	FL-PRO	956340
35832847008	2310221-008	EPA 3546	956155	FL-PRO	956340
35832847009	2310221-009	EPA 3546	956155	FL-PRO	956340
35832847010	2310221-010	EPA 3546	956155	FL-PRO	956340
35832847001	2310221-001	EPA 3050	956609	EPA 6020	956695
35832847002	2310221-002	EPA 3050	956609	EPA 6020	956695
35832847003	2310221-003	EPA 3050	957030	EPA 6020	957195
35832847004	2310221-004	EPA 3050	957030	EPA 6020	957195
35832847005	2310221-005	EPA 3050	957030	EPA 6020	957195
35832847006	2310221-006	EPA 3050	957030	EPA 6020	957195
35832847007	2310221-007	EPA 3050	957851	EPA 6020	958003
35832847008	2310221-008	EPA 3050	957851	EPA 6020	958003
35832847009	2310221-009	EPA 3050	957851	EPA 6020	958003
35832847010	2310221-010	EPA 3050	957851	EPA 6020	958003
35832847001	2310221-001	EPA 7471	958369	EPA 7471	958659
35832847002	2310221-002	EPA 7471	958854	EPA 7471	959093
35832847003	2310221-003	EPA 7471	958854	EPA 7471	959093
35832847004	2310221-004	EPA 7471	958854	EPA 7471	959093
35832847005	2310221-005	EPA 7471	958854	EPA 7471	959093
35832847006	2310221-006	EPA 7471	958854	EPA 7471	959093
35832847007	2310221-007	EPA 7471	958854	EPA 7471	959093
35832847008	2310221-008	EPA 7471	958854	EPA 7471	959093
35832847009	2310221-009	EPA 7471	958854	EPA 7471	959093
35832847010	2310221-010	EPA 7471	958854	EPA 7471	959093
35832847001	2310221-001	EPA 3546	956577	EPA 8270	957452
35832847002	2310221-002	EPA 3546	956577	EPA 8270	957452
35832847003	2310221-003	EPA 3546	956577	EPA 8270	957452
35832847004	2310221-004	EPA 3546	956577	EPA 8270	957452

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2310221

Pace Project No.: 35832847

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35832847005	2310221-005	EPA 3546	956902	EPA 8270	959725
35832847006	2310221-006	EPA 3546	956902	EPA 8270	959725
35832847007	2310221-007	EPA 3546	956902	EPA 8270	959725
35832847008	2310221-008	EPA 3546	956902	EPA 8270	959725
35832847009	2310221-009	EPA 3546	956902	EPA 8270	959725
35832847010	2310221-010	EPA 3546	956902	EPA 8270	959725
35832847001	2310221-001	EPA 5035	956569	EPA 8260	956581
35832847002	2310221-002	EPA 5035	956569	EPA 8260	956581
35832847003	2310221-003	EPA 5035	956569	EPA 8260	956581
35832847004	2310221-004	EPA 5035	956569	EPA 8260	956581
35832847005	2310221-005	EPA 5035	956569	EPA 8260	956581
35832847006	2310221-006	EPA 5035	956569	EPA 8260	956581
35832847007	2310221-007	EPA 5035	956569	EPA 8260	956581
35832847008	2310221-008	EPA 5035	956569	EPA 8260	956581
35832847009	2310221-009	EPA 5035	956569	EPA 8260	956581
35832847010	2310221-010	EPA 5035	956570	EPA 8260	956580
35832847001	2310221-001	ASTM D2974-87	959088		
35832847002	2310221-002	ASTM D2974-87	959088		
35832847003	2310221-003	ASTM D2974-87	959088		
35832847004	2310221-004	ASTM D2974-87	959088		
35832847005	2310221-005	ASTM D2974-87	959088		
35832847006	2310221-006	ASTM D2974-87	959088		
35832847007	2310221-007	ASTM D2974-87	959088		
35832847008	2310221-008	ASTM D2974-87	959088		
35832847009	2310221-009	ASTM D2974-87	959088		
35832847010	2310221-010	ASTM D2974-87	959088		
35832847001	2310221-001	SM 2540G	956285		
35832847002	2310221-002	SM 2540G	956285		
35832847003	2310221-003	SM 2540G	956285		
35832847004	2310221-004	SM 2540G	956285		
35832847005	2310221-005	SM 2540G	956285		
35832847006	2310221-006	SM 2540G	956285		
35832847007	2310221-007	SM 2540G	956285		
35832847008	2310221-008	SM 2540G	956285		
35832847009	2310221-009	SM 2540G	956285		
35832847010	2310221-010	SM 2540G	956285		
35832847001	2310221-001	EPA 9060 Modified	458104		
35832847001	2310221-001	EPA 9060 Modified	458105		
35832847002	2310221-002	EPA 9060 Modified	458104		
35832847002	2310221-002	EPA 9060 Modified	458105		
35832847003	2310221-003	EPA 9060 Modified	458104		
35832847003	2310221-003	EPA 9060 Modified	458105		
35832847004	2310221-004	EPA 9060 Modified	458104		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2310221

Pace Project No.: 35832847

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35832847004	2310221-004	EPA 9060 Modified	458105		
35832847005	2310221-005	EPA 9060 Modified	458104		
35832847005	2310221-005	EPA 9060 Modified	458105		
35832847006	2310221-006	EPA 9060 Modified	458104		
35832847006	2310221-006	EPA 9060 Modified	458105		
35832847007	2310221-007	EPA 9060 Modified	458104		
35832847007	2310221-007	EPA 9060 Modified	458105		
35832847008	2310221-008	EPA 9060 Modified	458104		
35832847008	2310221-008	EPA 9060 Modified	458105		
35832847009	2310221-009	EPA 9060 Modified	458104		
35832847009	2310221-009	EPA 9060 Modified	458105		
35832847010	2310221-010	EPA 9060 Modified	458104		
35832847010	2310221-010	EPA 9060 Modified	458105		

REPORT OF LABORATORY ANALYSIS

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CHAIN OF CUSTODY RECORD

WO#: 35832847



Omega COCID 22693

PAGE: 1

OF: 6

ADDRESS
Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337
FAX: (239) 590-0536
Website: www.sanderslabs.net

SUB CONTRACTOR: **Pace** COMPANY: **Pace Analytical**
ADDRESS: **8 East Tower Circle**
CITY, STATE, ZIP: **Ormond Beach, FL 32174**
PHONE: **(386) 676-4837** FAX: **(386) 673-4001** EMAIL:
ACCOUNT #:

SPECIAL INSTRUCTIONS / COMMENTS:

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
1	2310221-001A See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	TOC
2	2310221-001B See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	Metals
3	2310221-001C See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	VOC / 8270
4	2310221-001D See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	BTEX / 8260
5	2310221-001E See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	Hydrocarbons
6	2310221-002A See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	TOC
7	2310221-002B See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	Metals
8	2310221-002C See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	VOC / 8270
9	2310221-002D See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	BTEX / 8260

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Date:	Time:	REPORT TRANSMITTAL DESIRED: ☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Date:	Time:	
TAT:	Standard ☐	RUSH	Next BD ☐	2nd BD ☐	3rd BD ☐	FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? Comments:		

Note: RUSH requests will incur surcharges!



CHAIN OF CUSTODY RECORD

Omega COVID 22693

PAGE: 2

OF: 6

ADDRESS
Ft. Myers Lab02
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SUB CONTRACTOR: Pace		COMPANY: Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:	
ADDRESS: 8 East Tower Circle					
CITY, STATE, ZIP: Ormond Beach, FL 32174					
PHONE: (386) 676-4837		FAX: (386) 673-4001		EMAIL:	
ACCOUNT #:					

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
10	2310221-002E See Attached	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	Hydrocarbons
11	2310221-003A See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	TOC
12	2310221-003B See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	Metals
13	2310221-003C See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	VOC / 8270
14	2310221-003D See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	BTEX / 8260
15	2310221-003E See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	Hydrocarbons
16	2310221-004A See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	TOC
17	2310221-004B See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	Metals
18	2310221-004C See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	VOC / 8270

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	REPORT TRANSMITTAL DESIRED: ☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT: Standard ☐ Rush ☐			Next BD ☐ 2nd BD ☐ 3rd BD ☐			FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool? _____ Comments: _____	
Note: RUSH requests will incur surcharges!							



CHAIN OF CUSTODY RECORD

Omega COCID 22693 PAGE: 3 OF: 6

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ADDRESS: 8 East Tower Circle			
CITY, STATE, ZIP: Ormond Beach, FL 32174			
PHONE: (386) 676-4837		FAX: (386) 673-4001	
ACCOUNT #:		EMAIL:	

SPECIAL INSTRUCTIONS / COMMENTS:

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
19	2310221-004D See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	BTEX / 8260
20	2310221-004E See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	Hydrocarbons
21	2310221-005A See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	TOC
22	2310221-005B See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	Metals
23	2310221-005C See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	VOC / 8270
24	2310221-005D See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	BTEX / 8260
25	2310221-005E See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	Hydrocarbons
26	2310221-006A See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	TOC
27	2310221-006B See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	Metals

Relinquished By:	Date:	Time:	Received By: <i>ESpan</i>	Date: <i>10/6/23</i>	Time: <i>11:15</i>	REPORT TRANSMITTAL DESIRED: ☐ HARD COPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT: Standard ☐ RUSH ☐ Next BD ☐ 2nd BD ☐ 3rd BD ☐			Note: RUSH requests will incur surcharges!				



CHAIN OF CUSTODY RECORD

Omega COCID 22693

PAGE: 4

OF: 6

ADDRESS

FL Myers Lab02
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Website: www.sanderslabs.net

SUB CONTRACTOR: Pace		COMPANY: Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:		
ADDRESS: 8 East Tower Circle Ormond Beach, FL 32174						
CITY, STATE, ZIP:						
PHONE: (386) 676-4837 FAX: (386) 673-4001 EMAIL:						
ACCOUNT #:						
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS
28	2310221-006C See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1
29	2310221-006D See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1
30	2310221-006E See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1
31	2310221-007A See Attached	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1
32	2310221-007B See Attached	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1
33	2310221-007C See Attached	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1
34	2310221-007D See Attached	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1
35	2310221-007E See Attached	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1
36	2310221-008A See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1

COMMENTS: Methanol Preserved Weights HOT Sample Notation. Additional Sample Description.
VOC / 8270
BTEX / 8260
Hydrocarbons
TOC
Metals
VOC / 8270
BTEX / 8260
Hydrocarbons
TOC

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	REPORT TRANSMITTAL DESIRED: ☐ HARD COPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Temp of samples _____ °C Attempt to Cool ? _____	
TAT: Standard ☐ RUSH ☐						Comments: _____	
Note: RUSH requests will incur surcharges!							



CHAIN OF CUSTODY RECORD

Omega COCID 22693

PAGE: 5

OF: 6

ADDRESS
Fl. Myers Lab02
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Fort Myers, FL 33913
TEL: (239) 590-0337
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Website: www.sanderslabs.net

SUB CONTRACTOR: Pace		COMPANY: Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:			
ADDRESS: 8 East Tower Circle							
CITY, STATE, ZIP: Ormond Beach, FL 32174							
PHONE: (386) 676-4837 FAX: (386) 673-4001 EMAIL:							
ACCOUNT #:							
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
37	2310221-008B See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	Metals
38	2310221-008C See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	VOC / 8270
39	2310221-008D See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	BTEX / 8260
40	2310221-008E See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	Hydrocarbons
41	2310221-009A See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	TOC
42	2310221-009B See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	Metals
43	2310221-009C See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	VOC / 8270
44	2310221-009D See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	BTEX / 8260
45	2310221-009E See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	Hydrocarbons

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	REPORT TRANSMITTAL DESIRED: ☐ HARD COPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Temp of samples _____ °C Attempt to Cool ? _____	
TAT: _____						Comments: _____	
Standard ☐ Next BD ☐ 2nd BD ☐ 3rd BD ☐						Note: RUSH requests will incur surcharges!	



CHAIN OF CUSTODY RECORD

Omega COCID 22693 PAGE: 6 OF: 6

ADDRESS
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SUB CONTRACTOR: Pace		COMPANY: Pace Analytical	
ADDRESS: 8 East Tower Circle			
CITY, STATE, ZIP: Ormond Beach, FL 32174			
PHONE: (386) 676-4837		FAX: (386) 673-4001	
ACCOUNT #:		EMAIL:	

SPECIAL INSTRUCTIONS / COMMENTS:

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
46	2310221-010A See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	TOC
47	2310221-010B See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	Metals
48	2310221-010C See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	VOC / 8270
49	2310221-010D See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	BTEX / 8260
50	2310221-010E See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	Hydrocarbons

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	REPORT TRANSMITTAL DESIRED: ☐ HARD COPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT:		Standard ☐	RUSH		Next BD ☐	2nd BD ☐	3rd BD ☐
Note: RUSH requests will incur surcharges!							
FOR LAB USE ONLY						Temp of samples _____ °C Attempt to Cool ? _____	
Comments:							



CHAIN OF CUSTODY RECORD

Omega COCID 22696

PAGE: 1

OF: 6

ADDRESS
Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337
FAX: (239) 590-0536
Website: www.sanderslabs.net

SUB CONTRACTOR: Pace		COMPANY: Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:			
ADDRESS: 8 East Tower Circle							
CITY, STATE, ZIP: Ormond Beach, FL 32174							
PHONE: (386) 676-4837 FAX: (386) 673-4001 EMAIL:							
ACCOUNT #:							
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
1	2310221-001A See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	TOC
2	2310221-001B See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
3	2310221-001C See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	VOC / 8270
4	2310221-001D See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	BTEX / 8260 (8081)
5	2310221-001E See Attached	WS 1	Soil		10/5/2023 8:40:00 AM	1	Hydrocarbons / TRPH by FL PRO
6	2310221-002A See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	TOC
7	2310221-002B See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
8	2310221-002C See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	VOC / 8270
9	2310221-002D See Attached	WS Soil 2 High	Soil		10/5/2023 9:05:00 AM	1	BTEX / 8260 (8081)

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Relinquished By:	Date:	Time:	Received By:	Date:	Time:	FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT:	Standard ☐	RUSH ☐	Next BD ☐	2nd BD ☐	3rd BD ☐	Note: RUSH requests will incur surcharges!	



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ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
10	2310221-002E See Attached	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	Hydrocarbons / TRPH by FL PRO
11	2310221-003A See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	TOC
12	2310221-003B See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
13	2310221-003C See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	VOC / 8270
14	2310221-003D See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	BTEX / 8260 (8081)
15	2310221-003E See Attached	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	Hydrocarbons / TRPH by FL PRO
16	2310221-004A See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	TOC
17	2310221-004B See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
18	2310221-004C See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	VOC / 8270

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TAT:	Standard ☐		RUSH ☐	Next BD ☐	2nd BD ☐	3rd BD ☐	FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____
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ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
19	2310221-004D See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	BTEX / 8260 (8081)
20	2310221-004E See Attached	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	Hydrocarbons / TRPH by FL PRO
21	2310221-005A See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	TOC
22	2310221-005B See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
23	2310221-005C See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	VOC / 8270
24	2310221-005D See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	BTEX / 8260 (8081)
25	2310221-005E See Attached	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	Hydrocarbons / TRPH by FL PRO
26	2310221-006A See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	TOC
27	2310221-006B See Attached	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	Metals

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Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT:	Standard ☐		RUSH	Next BD ☐	2nd BD ☐	3rd BD ☐	FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____
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ACCOUNT #:							
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
28	2310221-006C	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	VOC / 8270
See Attached							
29	2310221-006D	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	BTEX / 8260 (8081)
See Attached							
30	2310221-006E	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	Hydrocarbons / TRPH by FL PRO
See Attached							
31	2310221-007A	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	TOC
See Attached							
32	2310221-007B	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	Metals
See Attached							
33	2310221-007C	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	VOC / 8270
See Attached							
34	2310221-007D	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	BTEX / 8260 (8081)
See Attached							
35	2310221-007E	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	Hydrocarbons / TRPH by FL PRO
See Attached							
36	2310221-008A	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	TOC
See Attached							

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TAT:	Standard ☐	RUSH ☐	Next BD ☐	2nd BD ☐	3rd BD ☐	FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____	
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ACCOUNT #:							
ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
37	2310221-008B See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	Metals
38	2310221-008C See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	VOC / 8270
39	2310221-008D See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	BTEX / 8260 (8081)
40	2310221-008E See Attached	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	Hydrocarbons / TRPH by FL PRO
41	2310221-009A See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	TOC
42	2310221-009B See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	Metals
43	2310221-009C See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	VOC / 8270
44	2310221-009D See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	BTEX / 8260 (8081)
45	2310221-009E See Attached	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	Hydrocarbons / TRPH by FL PRO

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Relinquished By:	Date:	Time:	Received By:	Date:	Time:		
TAT:	Standard ☐	RUSH ☐	Next BD ☐	2nd BD ☐	3rd BD ☐	Note: RUSH requests will incur surcharges!	

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ACCOUNT #:					

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description
46	2310221-010A See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	TOC
47	2310221-010B See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	Metals
48	2310221-010C See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	VOC / 8270
49	2310221-010D See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	BTEX / 8260 (8081)
50	2310221-010E See Attached	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	Hydrocarbons / TRPH by FL PRO

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TAT: Standard ☐ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐			FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____				
Note: RUSH requests will incur surcharges!							



Sample Condition Upon Receipt

WO#: 35832847

Due Date: 10/13/23

PM: BTS

CLIENT: SANLAB

Project #

Project Manager:

Client:

Date and Initials of person:

Examining contents: AVJ

Label:

Deliver:

pH:

Thermometer Used: T-409

Date: 10.6.23

Time: 1135

Initials: NPI

State of Origin:

☐ For WV projects, all containers verified to $\leq 6^{\circ}\text{C}$

Cooler #1 Temp. $^{\circ}\text{C}$ 4.0 (Visual) +0.1 (Correction Factor) 4.1 (Actual)

Cooler #2 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #3 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #4 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #5 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Cooler #6 Temp. $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

Recheck for OOT $^{\circ}\text{C}$ (Visual) (Correction Factor) (Actual)

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

☐ Samples on ice, cooling process has begun.

Time: Initials:

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Shipping Method: ☐ Standard Overnight ☐ First Overnight ☒ Priority Overnight ☐ Ground ☐ International Priority ☐ Other:

Billing: ☒ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # 818054741595

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

Comments / Resolutions (use back for additional comments):

One vial arrived broken in cooler.

(x1) vial Sample ID-2310221-005D



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1	2310221-001A	WS 1		Soil	10/5/2023 8:40:00 AM	1	TOC
	See Attached						
2	2310221-001B	WS 1		Soil	10/5/2023 8:40:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
	See Attached						
3	2310221-001C	WS 1		Soil	10/5/2023 8:40:00 AM	1	VOC / 8270
	See Attached						
4	2310221-001D	WS 1		Soil	10/5/2023 8:40:00 AM	1	BTEX / 8260 (8081)
	See Attached						
5	2310221-001E	WS 1		Soil	10/5/2023 8:40:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
6	2310221-002A	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	TOC
	See Attached						
7	2310221-002B	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
	See Attached						
8	2310221-002C	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	VOC / 8270
	See Attached						
9	2310221-002D	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	BTEX / 8260 (8081)
	See Attached						

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10	2310221-002E	WS Soil 2 High		Soil	10/5/2023 9:05:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
11	2310221-003A	WS Soil 2 Mid		Soil	10/5/2023 9:15:00 AM	1	TOC
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	See Attached						
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ACCOUNT #:		

ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
19	2310221-004D	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	BTEX / 8260 (8081)
	See Attached						
20	2310221-004E	WS Soil 2 Low		Soil	10/5/2023 9:25:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
21	2310221-005A	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	TOC
	See Attached						
22	2310221-005B	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	Metals: As, Ba, Cd, Cr, Cu, Pb, Se, Ag, Hg TS%
	See Attached						
23	2310221-005C	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	VOC / 8270
	See Attached						
24	2310221-005D	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	BTEX / 8260 (8081)
	See Attached						
25	2310221-005E	WS Soil 3 High		Soil	10/5/2023 10:25:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
26	2310221-006A	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	TOC
	See Attached						
27	2310221-006B	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	Metals
	See Attached						

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	REPORT TRANSMITTAL DESIRED: ☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
TAT: Standard ☐ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐						FOR LAB USE ONLY Temp of samples _____ °C Attempt to Cool ? _____ Comments: _____ _____
Note: RUSH requests will incur surcharges!						Page 76 of 79



CHAIN OF CUSTODY RECORD

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ADDRESS

Ft. Myers Lab02
10090 Bavaria Rd.
Fort Myers, FL 33913
TEL: (239) 590-0337
FAX: (239) 590-0536
Website: www.sanderslabs.net

SUB CONTRACTOR: Pace		COMPANY: Pace Analytical		SPECIAL INSTRUCTIONS / COMMENTS:			
ADDRESS: 8 East Tower Circle							
CITY, STATE, ZIP: Ormond Beach, FL 32174							
PHONE: (386) 676-4837 FAX: (386) 673-4001 EMAIL:							
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ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
28	2310221-006C	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	VOC / 8270
	See Attached						
29	2310221-006D	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	BTEX / 8260 (8081)
	See Attached						
30	2310221-006E	WS Soil 3 Mid		Soil	10/5/2023 10:35:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
31	2310221-007A	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	TOC
	See Attached						
32	2310221-007B	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	Metals
	See Attached						
33	2310221-007C	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	VOC / 8270
	See Attached						
34	2310221-007D	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	BTEX / 8260 (8081)
	See Attached						
35	2310221-007E	WS Soil 3 Low		Soil	10/5/2023 10:45:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
36	2310221-008A	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	TOC
	See Attached						

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ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
37	2310221-008B	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	Metals
	See Attached						
38	2310221-008C	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	VOC / 8270
	See Attached						
39	2310221-008D	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	BTEX / 8260 (8081)
	See Attached						
40	2310221-008E	WS Soil 4 High		Soil	10/5/2023 11:30:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						
41	2310221-009A	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	TOC
	See Attached						
42	2310221-009B	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	Metals
	See Attached						
43	2310221-009C	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	VOC / 8270
	See Attached						
44	2310221-009D	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	BTEX / 8260 (8081)
	See Attached						
45	2310221-009E	WS Soil 4 Mid		Soil	10/5/2023 11:40:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						

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ITEM #	SAMPLE ID	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	DATE COLLECTED	NUMBER OF CONTAINERS	COMMENTS: Methanol Preserved Weights HOT Sample Notation, Additional Sample Description.
46	2310221-010A	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	TOC
	See Attached						
47	2310221-010B	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	Metals
	See Attached						
48	2310221-010C	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	VOC / 8270
	See Attached						
49	2310221-010D	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	BTEX / 8260 (8081)
	See Attached						
50	2310221-010E	WS Soil 4 Low		Soil	10/5/2023 11:50:00 AM	1	Hydrocarbons / TRPH by FL PRO
	See Attached						

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