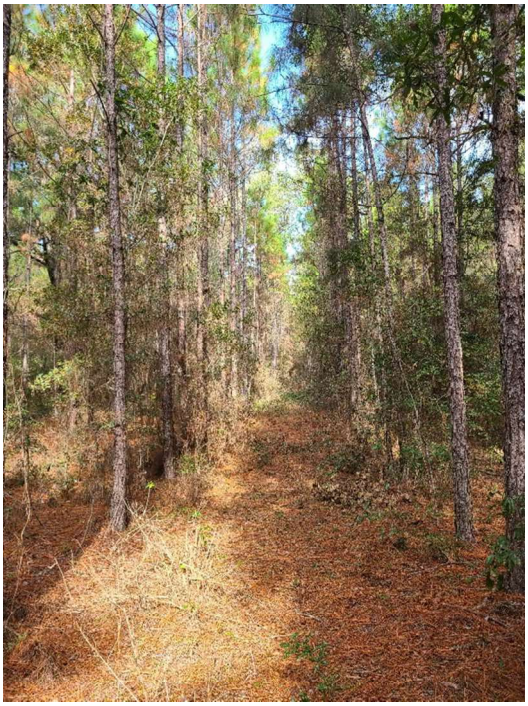
Limited Site Investigation

Undeveloped Land
14300 West Newberry Road
Newberry, Alachua County, Florida

January 18, 2022
Terracon Project No. EQ217672



Prepared for:
Sands Winchester, LLC
Myrtle Beach, South Carolina

Prepared by:
Terracon Consultants, Inc.
Jacksonville, Florida

Terracon

January 18, 2022

Sands Winchester, LLC
1203 48th Avenue North, Suite 200
Myrtle Beach, South Carolina

Attn: Mr. Joe Morrison
Ph: (843) 838-4634

Re: Limited Site Investigation
Undeveloped Land
14300 West Newberry Road
Newberry, Alachua County, Florida
Terracon Project No. EQ217672

Dear Mr. Morrison:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Limited Site Investigation (LSI) report for the above-referenced site. The report presents data from recent field activities that included collection of soil and groundwater samples for laboratory analysis to assess recognized environmental conditions (RECs) and/or site concerns associated with southeastern adjacent gasoline station identified in Terracon's Phase I Environmental Site Assessment (ESA – Report No. EQ217553), dated December 14, 2021. This assessment was performed in accordance with our Agreement for Services and Proposal for LSI, dated December 21, 2021, and signed December 23, 2021.

We appreciate the opportunity to be of service to you on this project. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Luke A. Davis, P.G.
Senior Geologist

Kyle Hayes
Environmental Department Manager

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1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has completed Limited Site Investigation (LSI) activities at 14300 West Newberry Road near Newberry in west-central Alachua County, Florida (the site). The work was performed in accordance with our Agreement for Services and Proposal for LSI, dated December 21, 2021, and signed December 23, 2021.

The site consists of two contiguous parcels totaling 26.924 acres located on West Newberry Road in near Newberry in Alachua County, Florida. The first parcel, Parcel ID #04306-001-001, is the northernmost parcel and is listed as approximately 6.70 acres and is designated as vacant land. The second parcel is Parcel ID#04306-002-000 which makes up the central and south portions of the site and is listed as being approximately 20.224 acres, designated as timber land.

The scope of services included the assessment of potential environmental impacts as a result of the below-listed recognized environmental condition (REC) and/or site concern. This concern was based on the results of the Terracon Phase I Environmental Site Assessment (ESA) conducted for the site, dated December 14, 2021.

- **Southeastern Adjoining Gas Station (Circle K #2721295):** This facility is located on the adjoining southeastern property, is cross-gradient from the site and is currently operating as a gasoline station. There is a potential for releases and subsurface impacts to have occurred on the site associated with the southeastern adjoining gas station facility that has had numerous historical discharges and continued compliance violations.

The specific area of investigation is focused on the southeastern portion of the site, adjacent to the offsite gasoline station. This report provides a detailed account of the scope of services conducted by Terracon, which were designed to investigate the RECs, as identified above.

A Topographic Vicinity Map is included as **Exhibit 1** and the site features are shown on the Site Map included as **Exhibit 2**.

1.1 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories,

regulatory agencies, or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-19, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment.*

1.2 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations, or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.3 Reliance

This report has been prepared for the exclusive use of Sands Winchester, LLC and its assigns. Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Sands Winchester, LLC and Terracon. Any unauthorized distribution or reuse is at Sands Winchester, LLC's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report, and the Agreement for Services between Terracon and Sands Winchester, LLC. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to Sands Winchester, LLC and all relying parties unless otherwise agreed in writing.

2.0 LSI INVESTIGATION

A subsurface geophysical survey utilizing Ground Penetrating Radar (GPR) was completed on December 30, 2021. Soil and groundwater assessment activities were conducted on the site on January 5, 2022.

2.1 Geophysical Subsurface Survey

On December 30, 2021, a subsurface survey utilizing GPR was conducted across the proposed onsite work areas to investigate the potential presence of underground utilities. GeoView performed the GPR subsurface investigation and marked surface locations of subsurface

anomalies that could indicate the potential presence of utilities in the proposed screening and sampling areas. Subsurface anomalies were not identified by GeoView during this survey.

2.2 Soil Investigation

2.2.1 Soil Screening

Soil samples for field screening were collected from boring locations shown on **Exhibit 3**. Field decontamination and soil sample collection procedures were consistent with the Florida Department of Environmental Protection's (FDEP's) *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, FC1000 and FS3000.

On January 5, 2022, a stainless-steel hand auger and Geoprobe® direct-push technology (DPT) were used to advance three (3) soil borings (SB-1 through SB-3) along the southeastern property boundary property boundary adjacent to the offsite gasoline station.

The borings were positioned to identify potential impacts associated with the identified REC, to determine if impacts are present at the site. Soil organic vapor headspace measurements were performed at each soil boring to screen for volatile organic vapors using an organic vapor analyzer (OVA) equipped with a photo ionization detector (PID). Physical indications of potential contaminant impacts were noted such as odor, sheen, and/or discoloration. Soil screening was performed from the surface to 0.5-foot below ground surface (bgs), and thereafter at 1-foot depth intervals to 20 ft bgs. Soil OVA headspace measurements were collected in general accordance with Chapter 62-780.200(17), Florida Administrative Code (FAC). The OVA-PID was calibrated with a 100-parts per million (ppm) isobutylene gas. OVA-PID calibration logs are included in **Appendix A.**

In general, the soil in the investigative area consisted of fine grain sands (FGS) in the top two feet and sandy clays from two feet to approximately 40 feet below ground surface (bgs). Limestone was encountered from 23 feet to 30 feet bgs in soil boring SB-2. Each boring was completed to a depth between 35 and 40 feet bgs. Groundwater elevation data for the surrounding area indicated groundwater was located at 30 feet bgs; however, the water table interface was not encountered at any of the soil borings advanced at the site during the LSI-based field activities.

Soil boring locations are shown on **Exhibit 3**. A summary of the OVA readings is provided on **Table 1**. Boring Logs are included in **Appendix A**. Field decontamination and soil sample collection procedures were consistent with the FDEP's *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, FC1000 and FS3000.

2.2.2 Soil Sample Collection

On January 5, 2022, soil samples were collected within the vadose zone from each soil boring for laboratory analysis from one foot above the water table from the following locations:

- One soil sample (SB-1-2) was collected from soil boring SB-1 at 2 feet bgs;

- One soil sample (SB-2-1) was collected from soil boring SB-2 at 1 feet bgs; and
- One soil sample (SB-3-2) was collected from soil boring SB-3 at 2 feet bgs.

OVA readings exceeding 10 parts per million (ppm) instrument detection limit were identified at 1 feet bgs at SB-2 (30 ppm). Soil OVA results (ppm) and sample depth intervals are provided on the soil screening summary in **Appendix A**. No visual evidence of apparent contaminant impacts was observed.

Soil samples were collected in laboratory supplied containers, labeled, and packed in coolers on wet-ice for delivery using chain-of-custody procedures to Pace Analytical Services, LLC in Ormond Beach, Florida.

Soil samples were submitted for laboratory analysis of volatile organic compounds (VOCs) by EPA Method 8260, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270, total recoverable petroleum hydrocarbons (TRPH) by FL-PRO method. Samples were also collected from for the analysis of TRPH Fractionation by the Total Petroleum Hydrocarbon Criteria Working Group (TPHCWG). The TPHCWG samples were placed on laboratory hold until results of the TRPH by FL-PRO analysis was completed and received.

Laboratory analytical reports and chain-of-custody records are provided in **Appendix B**. Results are discussed in Section 3.0.

2.2.3 Equipment Decontamination and Quality Assurance

Non-expendable soil sampling equipment was decontaminated at the beginning of each sampling event and decontaminated between each soil boring by hand-scrubbing in a Luminox™ and water solution and rinsed with de-ionized (DI) water.

2.3 Groundwater Investigation

2.3.1 Temporary Monitoring Well Installation

To evaluate for potential petroleum impacts associated with the identified offsite REC, three (3) shallow temporary monitoring wells (TMW-1, TMW-2, and TMW-3) were included in the proposed scope to be installed using a direct-push technology (DPT) Geoprobe rig at soil borings SB-1, SB-2, and SB-3, respectively. The proposed temporary monitoring well locations are shown on **Exhibit 3**.

Based on site lithology, lack of physical or visual indication of soil impacts from the adjacent gasoline station, and groundwater not encountered within 40 feet bgs, the monitoring wells were not installed during this LSI.

3.0 SUMMARY OF ANALYTICAL RESULTS

The following sections summarize the soil results from this LSI. Constituent concentrations were compared to the State of Florida's Chapter 62-777, FAC (Chapter 62-777, FAC) Direct Exposure Residential and Commercial Soil Cleanup Target Levels (SCTLs) and Leachability based on Groundwater Criteria SCTLs.

3.1 Soil Analytical Results

A summary of the soil analytical results is provided in **Table 2**. Laboratory analytical reports and chain-of-custody records are provided in **Appendix B**. **Exhibit 3** depicts the soil sampling locations relative to the site.

Laboratory analytical results for the soil samples collected from the site were reported below the applicable SCTLs. The sole detected analyte was TRPH from SB-1 at 39.1 milligrams per Kilogram (mg/Kg). This concentration was reported an order of magnitude below the residential SCTL of 400 mg/Kg. Based on these results, no soil samples collected from the site were analyzed for TPHCWG to obtain TRPH fractionation values.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions and Findings

Based on the results of this assessment, no soil impacts were detected above the applicable Chapter 62-777, FAC SCTLs in soil borings collected from the site.

Based on site lithology, lack of physical or visual indication of soil impacts from the adjacent gasoline station, and no evidence of groundwater table within 40 feet bgs, the proposed monitoring wells were not installed during this LSI.

4.2 Recommendations

Based on the scope of services, limitations, and findings of this assessment, Terracon does not recommend further investigation at this time.

5.0 REFERENCES

Phase I Environmental Site Assessment: Undeveloped Land, 14300 West Newberry Road, Alachua County, Florida, dated December 14, 2021.

Chapter 62-777, FAC, Cleanup Target Levels, April 2005

FDEP *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, 2017

FDEP *Process for Assessing Date Usability*, DEP-EA 001/07, 2008

FDEP *Monitoring Well Design and Construction Guidance Manual*, 2008

EXHIBITS

TABLES

TABLE 1: SOIL SCREENING SUMMARY

Facility Name: West Newberry Road - LSI
Facility Address: 14300 West Newberry Road, Newberry, Florida

SAMPLE					
BORING NO.	DATE COLLECTED	DEPTH TO WATER	SAMPLE INTRVAL (FBLS)	PID READING (ppm)	COMMENTS
SB-1	1/5/2022	--	0.5	0.1	
			1	0.2	
			2	0.3	sample
			3	0.3	
			4	0.3	
			5	0.6	
			6	0.2	
			7	0.1	
			8	0.1	
			9	0.1	
			10	1.7	
			11	0.1	
			12	0.0	
			13	0.1	
			14	0.1	
			15	0.1	
			16	0.0	
			17	0.1	
			18	0.2	
			19	0.0	
			20	0.0	
			40	0.1	
SB-2	1/5/2022		0.5	4.2	
			1	30.0	sample
			2	5.6	
			3	6.7	
			4	3.9	
			5	1.8	
			6	0.2	
			7	0.1	
			8	0.1	
			9	0.1	
			10	0.3	
			11	0.8	
			12	0.0	
			13	0.2	
			14	0.1	
			15	0.2	
			16	0.4	
			17	1.2	
			18	0.3	
			19	0.2	
			20	0.1	
SB-3	1/5/2022		0.5	0.8	
			1	1.2	
			2	0.2	sample
			3	0.3	
			4	0.3	
			5	0.2	
			6	0.1	
			7	0.0	
			8	0.0	
			9	0.0	
			10	0.0	
			11	0.0	
			12	0.0	
			13	0.0	
			14	0.0	
			15	0.0	
			16	0.1	
			17	0.1	
			18	0.0	
			19	0.0	
			20	0.0	

TABLE 2: SOIL ANALYTICAL SUMMARY

Facility Name: West Newberry - LSI
Facility Address: 14300 Newberry Road, Newberry, Florida

Terracon

Sample				OVA	Semivolatile Organic Compounds																	
Boring No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Benzo (a) pyrene	Benzo (a) anthra-cene	Benzo (b) fluoran-thene	Benzo (k) fluoran-thene	Chrysene	Dibenz (a,h) anthra-cene	Indeno (1,2,3-cd) pyrene	Benzo (a) pyrene equivalent	Naph-thalene	1-Methyl-naph-thalene	2-Methyl-naph-thalene	Acenaph-thene	Acenaph-thylene	Anthra-cene	Benzo (g,h,i) perylene	Fluoran-thene	Fluorene	Phenan-threne	Pyrene
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/05/2022	NA	2		0.049 U	0.026 U	0.053 U	0.053 U	0.026 U	0.046 U	0.045 U	0.054	0.070 U	0.033 U	0.031 U	0.094 U	0.031 U	0.027 U	0.050 U	0.065 U	0.070 U	0.028 U	0.026 U
SB-2	01/05/2022	NA	1		0.0087 U	0.0047 U	0.0093 U	0.0093 U	0.0047 U	0.0081 U	0.0080 U	0.0095	0.012 U	0.0058 U	0.0055 U	0.017 U	0.0055 U	0.0048 U	0.0088 U	0.011 U	0.012 U	0.0050 U	0.0047 U
SB-3	01/05/2022	NA	2		0.017 U	0.0091 U	0.018 U	0.018 U	0.0091 U	0.016 U	0.016 U	0.019	0.024 U	0.011 U	0.011 U	0.032 U	0.011 U	0.0093 U	0.017 U	0.022 U	0.024 U	0.0097 U	0.0091 U
Leachability Based on Groundwater Criteria (mg/kg)					8	0.8	2.4	24	77	0.7	6.6	**	1.2	3.1	8.5	2.1	27	2500	32000	1200	160	250	880
Direct Exposure Residential (mg/kg)					0.1	#	#	#	#	#	#	0.1	55	200	210	2400	1800	21000	2500	3200	2600	2200	2400
Direct Exposure Commercial/Industrial (mg/kg)					0.7	#	#	#	#	#	#	0.7	300	1800	2100	20000	20000	300000	52000	59000	33000	36000	45000

Sample				OVA	Volatile Organic Compounds																	
Boring No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	1,1,1,2-Tetrachloro ethane	1,1,1-Trichloroeth ane	1,1,2,2-Tetrachloro ethane	1,1,2-Trichloroeth ane	1,1-Dichloroeth ane	1,1-Dichloroeth ene	1,2,3-Trichloropr opane	1,2-Dibromo-3-chloropropa ne	1,2-Dibromoeth ane (EDB)	1,2-Dichloroben zene	1,2-Dichloroeth ane	1,2-Dichloroeth ene (Total)	1,2-Dichloropro pane	1,4-Dichloroben zene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Acetonitrile
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/05/2022	NA	2	0.3	0.0013 U	0.0017 U	0.00078 U	0.00076 U	0.0013 U	0.0032 U	0.00098 U	0.0015 U	0.00095 U	0.00098 U	0.00099 U	0.0039 U	0.0012 U	0.00086 U	0.0064 U	0.0064 U	0.0064 U	0.033 U	0.0057 U
SB-2	01/05/2022	NA	1	30	0.00093 U	0.0012 U	0.00057 U	0.00055 U	0.00091 U	0.0023 U	0.00071 U	0.0011 U	0.00069 U	0.00071 U	0.00072 U	0.0028 U	0.00086 U	0.00062 U	0.0047 U	0.0047 U	0.0047 U	0.024 U	0.0041 U
SB-3	01/05/2022	NA	2	1.2	0.0011 U	0.0014 U	0.00065 U	0.00063 U	0.0010 U	0.0027 U	0.00081 U	0.0013 U	0.00079 U	0.00081 U	0.00082 U	0.0033 U	0.00098 U	0.00072 U	0.0053 U	0.0053 U	0.0053 U	0.028 U	0.0047 U
Leachability Based on Groundwater Criteria (mg/kg)					0.01	1.9	0.001	0.03	0.4	0.06	0.0001	NA	0.0001	17	0.01	NA	0.03	2.2	17	1.4	2.6	25	NA
Direct Exposure Residential (mg/kg)					2.9	730	0.7	1.4	390	95	0.06	0.7	0.1	880	0.5	NA	0.6	6.4	16000	24	4300	11000	NA
Direct Exposure Commercial/Industrial (mg/kg)					4.3	3900	1.2	2	2100	510	0.1	3.8	0.2	5000	0.7	NA	0.9	9.9	110000	130	44000	68000	NA

Sample				OVA	Volatile Organic Compounds																	
Boring No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Bromochlor omethane	Bromodichl oromethane	Bromoform	Bromometh ane	Carbon disulfide	Carbon tetrachlorid e	Chlorobenz ene	Chloroethan e	Chloroform	Chlorometh ane	Dibromochl oromethane	Dibromomet hane	Iodomethan e	Isopropylbe nzene (Cumene)	Methylene Chloride	Styrene	Tetrachloro ethene	Trichloroeth ene	Trichloroflu oromethane
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/05/2022	NA	2	0.3	0.00095 U	0.0014 U	0.0014 U	0.00085 U	0.0032 U	0.0015 U	0.0012 U	0.00063 U	0.0011 U	0.0011 U	0.0011 U	0.00091 U	0.0014 U	0.0035 U	0.0057 U	0.0032 U	0.0015 U	0.0015 U	0.0012 U
SB-2	01/05/2022	NA	1	30	0.00069 U	0.0010 U	0.0010 U	0.00062 U	0.0023 U	0.0011 U	0.00087 U	0.00046 U	0.00078 U	0.00083 U	0.00081 U	0.00066 U	0.0010 U	0.0025 U	0.0041 U	0.0023 U	0.0011 U	0.0011 U	0.00086 U
SB-3	01/05/2022	NA	2	1.2	0.00079 U	0.0012 U	0.0012 U	0.00071 U	0.0027 U	0.0013 U	0.00099 U	0.00052 U	0.00090 U	0.00095 U	0.00093 U	0.00076 U	0.0012 U	0.0029 U	0.0047 U	0.0027 U	0.0013 U	0.0013 U	0.00098 U
Leachability Based on Groundwater Criteria (mg/kg)					0.6	0.004	0.03	0.05	5.6	0.04	1.3	0.06	0.4	0.02	0.003	0.3	NA	0.2	0.02	3.6	0.03	0.03	33
Direct Exposure Residential (mg/kg)					95	1.5	48	3.1	270	0.5	120	3.9	0.4	4	1.5	96	NA	220	17	3600	8.8	6.4	270
Direct Exposure Commercial/Industrial (mg/kg)					530	2.2	93	16	1500	0.7	650	5.4	0.6	5.7	2.3	550	NA	1200	26	23000	18	9.3	1500

Sample				OVA	Volatile Organic Compounds									Volatile Organic Aromatics					TRPH
Boring No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Net OVA Reading (ppm)	Vinyl acetate	Vinyl chloride	cis-1,2-Dichloroeth ene	cis-1,3-Dichloropro pene	m&p-Xylene	o-Xylene	trans-1,2-Dichloroeth ene	trans-1,3-Dichloropro pene	trans-1,4-Dichloro-2-butene	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TRPHs
					(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1	01/05/2022	NA	2	0.3	0.0021 U	0.0012 U	0.0014 U	0.0013 U	0.0066 U	0.0033 U	0.0017 U	0.0013 U	0.0015 U	0.0013 U	0.0015 U	0.0010 U	0.0066 U	0.0019 U	9.9 U
SB-2	01/05/2022	NA	1	30	0.0015 U	0.00087 U	0.0010 U	0.00093 U	0.0048 U	0.0024 U	0.0012 U	0.00092 U	0.0011 U	0.00093 U	0.0011 U	0.00076 U	0.0048 U	0.0014 U	5.3 U
SB-3	01/05/2022	NA	2	1.2	0.0017 U	0.00099 U	0.0012 U	0.0011 U	0.0055 U	0.0028 U	0.0014 U	0.0011 U	0.0013 U	0.0011 U	0.0013 U	0.00087 U	0.0055 U	0.0016 U	39.1
Leachability Based on Groundwater Criteria (mg/kg)					0.4	0.007	NA	NA	NA	NA	0.7	NA	NA	0.007	0.6	0.5	0.2	0.09	340
Direct Exposure Residential (mg/kg)					320	0.2	33	NA	NA	NA	53	NA	NA	1.2	1500	7500	130	4400	460
Direct Exposure Commercial/Industrial (mg/kg)					1700	0.8	180	NA	NA	NA	290	NA	NA	1.7	9200	60000	700	24000	2700

Notes:
NA= Not Available
** = Leachability value not applicable
# = Direct Exposure value not applicable except as part of the Benzo(a)pyrene equivalent.
Exceeds Leachability Based on Groundwater Criteria Limits
Exceeds Direct Exposure Residential Limits
Exceeds Direct Exposure Commercial/Industrial Limits

APPENDIX A

Soil Boring Logs, Screening Summary, and Calibration Logs

BORING LOG

Boring/Well Number: SB-1	Project Number: EQ217672		FDEP Facility Identification Number: N/A
Site Name: Undeveloped Land - West Newberry Rd.	Borehole Start Date: 1/5/22 End Date: 1/5/22	Borehole Start Time: 1017 ☑ AM ☐ PM End Time: 1124 ☑ AM ☐ PM	
Environmental Contractor: Terracon Consultants Inc.	Geologist's Name: NA		Environmental Technician Name(s): DLO / RS
Drilling Company: JAEE	Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 40
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Mine Rae 3000 ☐ FID ☑ PID

Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☑ Backfill ☐ Stockpile ☐ Other

(describe if other or multiple items are checked):

Borehole Completion (check one): ☑ Well ☐ Grout ☐ Bentonite ☑ Backfill ☐ Other (describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.1	0.5	Reddish grey fgs		D	
						0.2	1				
						0.3	2	Red/orng sandy clay			SB-1 @2' @1120
						0.3	3				
						0.3	4				
						0.6	5				
						0.2	6				
						0.1	7				
						0.1	8				
						0.1	9				
						0.1	10				
						0.1	11				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	FDEP Facility Identification Number:	Site Name:	Borehole Start Date:
SB-1	NA	Undeveloped Land - West Newberry Rd.	1/5/22
			End Date: 1/5/22

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP						0.1	13	Red/orng clay		D	
						0.1	14				
						0.1	15	Grey clay			
						0.0	16				
						0.1	17				
						0.2	18				
						0.0	19				
						0.0	20				
							21				
							22				
							23			D	
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number:	FDEP Facility Identification Number:	Site Name:	Borehole Start Date:
SB-1	NA	Undeveloped Land - West Newberry Rd.	11/5/22
			End Date: 11/5/22

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP							31			D	
							32				
							33				
							34				
							35				
							36				
							37				
							38				
							39				
						0.1	40	Boring terminated @ ~40 ft bgs			
							41				
							42				
							43				
							44				
							45				
							46				
							47				
							48				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-2	Project Number: EQ217672	FDEP Facility Identification Number: N/A
Site Name: Undeveloped Land - West Newberry Rd.	Borehole Start Date: 1/5/22 End Date: 1/5/22	Borehole Start Time: 1203 ☒ AM ☐ PM End Time: 1301 ☐ AM ☒ PM
Environmental Contractor: Terracon Consultants Inc.	Geologist's Name: NA	Environmental Technician Name(s): DW/RS

Drilling Company: JAEE	Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 35
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content): NA	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Mine Rae 3000 ☐ FID ☑ PID

Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☑ Backfill ☐ Stockpile ☐ Other

(describe if other or multiple items are checked):

Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☑ Backfill ☐ Other (describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	4.2	0.5	Grey fgs		D	SB-2@1' 1232
						30.0	1	Tan fgs			
						5.6	2	Tan, sandy clay			
						6.7	3	Tan clay			
						3.9	4				
						1.8	5				
						0.2	6				
						0.1	7				
						0.1	8				
						0.1	9				
						0.3	10				
						0.8	11				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	FDEP Facility Identification Number:	Site Name:	Borehole Start Date:
SB-2	NA	Undeveloped Land - West Newberry Rd.	1/5/22
			End Date: 1/5/22

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP						0.2	13	Clay, grey		D	
						0.1	14				
						0.2	15				
						0.4	16				
						0.2	17				
						0.3	18				
						0.2	19				
						0.1	20				
							21				
							22				
							23	wh limestone			
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	FDEP Facility Identification Number:	Site Name:	Borehole Start Date:
SB-2	NA	Undeveloped Land - West Newberry Rd.	End Date:

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP							31	Wht limestone			
							32				
							33				
							34				
							35	Boring terminated @ ~35 ft bgs			
							36				
							37				
							38				
							39				
							40				
							41				
							42				
							43				
							44				
							45				
							46				
							47				
							48				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings
Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number: SB-3	Project Number: EQ217672		FDEP Facility Identification Number: N/A
Site Name: Undeveloped Land - West Newberry Rd.	Borehole Start Date: 1/5/22 End Date: 1/5/22	Borehole Start Time: 1257 ☐ AM ☑ PM End Time: ☐ AM ☑ PM	
Environmental Contractor: Terracon Consultants Inc.	Geologist's Name: NA		Environmental Technician Name(s): DW/RS
Drilling Company: JAEE	Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 35
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Mine Rae 3000 ☐ FID ☑ PID

Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☑ Backfill ☐ Stockpile ☐ Other

(describe if other or multiple items are checked):

Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☑ Backfill ☐ Other (describe)

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
HA			N/A	N/A	N/A	0.8	0.5	Grey fgs		D	
						1.2	1	Tan fgs w red clay inclusions.			SB-3@2' @1411
						0.2	2				
						0.3	3				
						0.3	4				
						0.2	5	Red sandy clay			
DP						0.1	6				
						0.0	7				
						0.0	8				
						0.0	9				
						0.0	10				
						0.0	11				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Boring/Well Number:	FDEP Facility Identification Number:	Site Name:	Borehole Start Date:
SB-3	NA	Undeveloped Land - West Newberry Rd.	1/5/22
			End Date: 1/5/22

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP						0.0	13	Red sandy clay		D	
						0.0	14				
						0.0	15				
						0.1	16	Grey sandy clay			
						0.1	17				
						0.0	18				
						0.0	19				
						0.0	20	Tan sandy clay			
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

BORING LOG

Boring/Well Number:	FDEP Facility Identification Number:	Site Name:	Borehole Start Date:
SB-3	NA	Undeveloped Land - West Newberry Rd.	1/5/22
			End Date: 1/5/22

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP							31	Tan sandy clay		D	
							32				
							33				
							34				
							35				
							36	Boring terminated @ ~35 ft. bgs			
							37				
							38				
							39				
							40				
							41				
							42				
							43				
							44				
							45				
							46				
							47				
							48				

Sample Type Codes: **PH** = Post Hole; **HA** = Hand Auger; **SS** = Split Spoon; **ST** = Shelby Tube; **DP** = Direct Push; **SC** = Sonic Core; **DC** = Drill Cuttings

Moisture Content Codes: **D** = Dry; **M** = Moist; **W** = Wet; **S** = Saturated

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Calibrated by (Print)/Affiliation: Darryl Williams

Boldly "X" this box if there is qualified data on this page.

ORGANIC VAPOR ANALYZER (OVA) — **Acceptance Criteria +/-5% the standard**

REFERENCE: ***Portable Instruments User's Manual For Monitoring VOC Sources*** **, EPA-340/1-86-015, June 1986**

Meter/Instrument Name and Unique ID:

	Initials	Date	Time	Standard (ppm)	Exp. Date	Lot #	Response (ppm)	Deviation (ppm)	Pass or Fail
(CAL) ICV CCV	DW	1/5/22		100	11/15/23	3445-248-100	100	0	(P) F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
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CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F
CAL ICV CCV									P F

Notes (e.g. corrective actions, etc):

Perform only in Calibrate Mode: CAL - Calibrate
Perform only in Read/Run Mode: ICV - Initial Calibration Verification
Perform only in Read/Run Mode: CCV - Continuing Calibration Verification

APPENDIX B

Laboratory Reports and Custody Records

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

January 13, 2022

Angellica Karones
Terracon Consultants - Jacksonville
8001 Baymeadows Way
Suite 1
Jacksonville, FL 32256

RE: Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Dear Angellica Karones:

Enclosed are the analytical results for sample(s) received by the laboratory on January 05, 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

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

Sincerely,

Bill White
bill.white@pacelabs.com
(386) 672-5668
Project Manager

Enclosures

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

CERTIFICATIONS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

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
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, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SAMPLE SUMMARY

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35688264001	**SB-1**	Solid	01/05/22 11:20	01/05/22 22:24
35688264002	**SB-2**	Solid	01/05/22 12:32	01/05/22 22:24
35688264003	**SB-3**	Solid	01/05/22 11:41	01/05/22 22:24

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SAMPLE ANALYTE COUNT

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35688264001	**SB-1**	FL-PRO	PKC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35688264002	**SB-2**	FL-PRO	PKC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	AS3	1	PASI-O
35688264003	**SB-3**	FL-PRO	PKC	3	PASI-O
		EPA 8270	TWB	21	PASI-O
		EPA 8260	CLT	55	PASI-O
		ASTM D2974-87	AS3	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

SUMMARY OF DETECTION

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35688264001	**SB-1**					
ASTM D2974-87	Percent Moisture	12.7	%	0.10	01/06/22 15:06	
35688264002	**SB-2**					
ASTM D2974-87	Percent Moisture	3.4	%	0.10	01/06/22 15:07	
35688264003	**SB-3**					
FL-PRO	Petroleum Range Organics	39.1	mg/kg	6.4	01/11/22 00:12	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	01/06/22 15:07	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-1 **Lab ID: 35688264001** Collected: 01/05/22 11:20 Received: 01/05/22 22:24 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
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**9.9 U**	mg/kg	11.5	9.9	1	01/12/22 03:20	01/12/22 14:18		P1
Surrogates									
o-Terphenyl (S)	97	%	66-136		1	01/12/22 03:20	01/12/22 14:18	84-15-1	
N-Pentatriacontane (S)	86	%	42-159		1	01/12/22 03:20	01/12/22 14:18	630-07-09	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	**0.094 U**	mg/kg	0.21	0.094	1	01/09/22 19:25	01/11/22 21:23	83-32-9	P1
Acenaphthylene	**0.031 U**	mg/kg	0.20	0.031	1	01/09/22 19:25	01/11/22 21:23	208-96-8	P1
Anthracene	**0.027 U**	mg/kg	0.21	0.027	1	01/09/22 19:25	01/11/22 21:23	120-12-7	P1
Benzo(a)anthracene	**0.026 U**	mg/kg	0.20	0.026	1	01/09/22 19:25	01/11/22 21:23	56-55-3	P1
Benzo(a)pyrene	**0.049 U**	mg/kg	0.20	0.049	1	01/09/22 19:25	01/11/22 21:23	50-32-8	P1
Benzo(b)fluoranthene	**0.053 U**	mg/kg	0.20	0.053	1	01/09/22 19:25	01/11/22 21:23	205-99-2	P1
Benzo(g,h,i)perylene	**0.050 U**	mg/kg	0.20	0.050	1	01/09/22 19:25	01/11/22 21:23	191-24-2	P1
Benzo(k)fluoranthene	**0.053 U**	mg/kg	0.20	0.053	1	01/09/22 19:25	01/11/22 21:23	207-08-9	P1
Chrysene	**0.026 U**	mg/kg	0.20	0.026	1	01/09/22 19:25	01/11/22 21:23	218-01-9	P1
Dibenz(a,h)anthracene	**0.046 U**	mg/kg	0.20	0.046	1	01/09/22 19:25	01/11/22 21:23	53-70-3	P1
Fluoranthene	**0.065 U**	mg/kg	0.20	0.065	1	01/09/22 19:25	01/11/22 21:23	206-44-0	P1
Fluorene	**0.070 U**	mg/kg	0.22	0.070	1	01/09/22 19:25	01/11/22 21:23	86-73-7	P1
Indeno(1,2,3-cd)pyrene	**0.045 U**	mg/kg	0.20	0.045	1	01/09/22 19:25	01/11/22 21:23	193-39-5	P1
1-Methylnaphthalene	**0.033 U**	mg/kg	0.23	0.033	1	01/09/22 19:25	01/11/22 21:23	90-12-0	P1
2-Methylnaphthalene	**0.031 U**	mg/kg	0.23	0.031	1	01/09/22 19:25	01/11/22 21:23	91-57-6	P1
Naphthalene	**0.070 U**	mg/kg	0.21	0.070	1	01/09/22 19:25	01/11/22 21:23	91-20-3	P1
Phenanthrene	**0.028 U**	mg/kg	0.20	0.028	1	01/09/22 19:25	01/11/22 21:23	85-01-8	P1
Pyrene	**0.026 U**	mg/kg	0.20	0.026	1	01/09/22 19:25	01/11/22 21:23	129-00-0	P1
Surrogates									
Nitrobenzene-d5 (S)	62	%	24-98		1	01/09/22 19:25	01/11/22 21:23	4165-60-0	
2-Fluorobiphenyl (S)	73	%	29-101		1	01/09/22 19:25	01/11/22 21:23	321-60-8	
p-Terphenyl-d14 (S)	89	%	29-112		1	01/09/22 19:25	01/11/22 21:23	1718-51-0	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	**0.033 U**	mg/kg	0.064	0.033	1	01/07/22 08:31	01/07/22 16:34	67-64-1	
Acetonitrile	**0.0057 U**	mg/kg	0.064	0.0057	1	01/07/22 08:31	01/07/22 16:34	75-05-8	
Benzene	**0.0013 U**	mg/kg	0.0064	0.0013	1	01/07/22 08:31	01/07/22 16:34	71-43-2	
Bromochloromethane	**0.00095 U**	mg/kg	0.0064	0.00095	1	01/07/22 08:31	01/07/22 16:34	74-97-5	
Bromodichloromethane	**0.0014 U**	mg/kg	0.0064	0.0014	1	01/07/22 08:31	01/07/22 16:34	75-27-4	
Bromoform	**0.0014 U**	mg/kg	0.0064	0.0014	1	01/07/22 08:31	01/07/22 16:34	75-25-2	
Bromomethane	**0.00085 U**	mg/kg	0.0064	0.00085	1	01/07/22 08:31	01/07/22 16:34	74-83-9	
2-Butanone (MEK)	**0.0064 U**	mg/kg	0.064	0.0064	1	01/07/22 08:31	01/07/22 16:34	78-93-3	
Carbon disulfide	**0.0032 U**	mg/kg	0.0064	0.0032	1	01/07/22 08:31	01/07/22 16:34	75-15-0	
Carbon tetrachloride	**0.0015 U**	mg/kg	0.0064	0.0015	1	01/07/22 08:31	01/07/22 16:34	56-23-5	
Chlorobenzene	**0.0012 U**	mg/kg	0.0064	0.0012	1	01/07/22 08:31	01/07/22 16:34	108-90-7	
Chloroethane	**0.00063 U**	mg/kg	0.0064	0.00063	1	01/07/22 08:31	01/07/22 16:34	75-00-3	J(v1)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-1 **Lab ID: 35688264001** Collected: 01/05/22 11:20 Received: 01/05/22 22:24 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	**0.0011 U**	mg/kg	0.0064	0.0011	1	01/07/22 08:31	01/07/22 16:34	67-66-3	
Chloromethane	**0.0011 U**	mg/kg	0.0064	0.0011	1	01/07/22 08:31	01/07/22 16:34	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0015 U**	mg/kg	0.0064	0.0015	1	01/07/22 08:31	01/07/22 16:34	96-12-8	
Dibromochloromethane	**0.0011 U**	mg/kg	0.0064	0.0011	1	01/07/22 08:31	01/07/22 16:34	124-48-1	
1,2-Dibromoethane (EDB)	**0.00095 U**	mg/kg	0.0064	0.00095	1	01/07/22 08:31	01/07/22 16:34	106-93-4	
Dibromomethane	**0.00091 U**	mg/kg	0.0064	0.00091	1	01/07/22 08:31	01/07/22 16:34	74-95-3	
1,2-Dichlorobenzene	**0.00098 U**	mg/kg	0.0064	0.00098	1	01/07/22 08:31	01/07/22 16:34	95-50-1	
1,4-Dichlorobenzene	**0.00086 U**	mg/kg	0.0064	0.00086	1	01/07/22 08:31	01/07/22 16:34	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0015 U**	mg/kg	0.0064	0.0015	1	01/07/22 08:31	01/07/22 16:34	110-57-6	
1,1-Dichloroethane	**0.0013 U**	mg/kg	0.0064	0.0013	1	01/07/22 08:31	01/07/22 16:34	75-34-3	
1,2-Dichloroethane	**0.00099 U**	mg/kg	0.0064	0.00099	1	01/07/22 08:31	01/07/22 16:34	107-06-2	
1,2-Dichloroethene (Total)	**0.0039 U**	mg/kg	0.0064	0.0039	1	01/07/22 08:31	01/07/22 16:34	540-59-0	
1,1-Dichloroethene	**0.0032 U**	mg/kg	0.0064	0.0032	1	01/07/22 08:31	01/07/22 16:34	75-35-4	
cis-1,2-Dichloroethene	**0.0014 U**	mg/kg	0.0064	0.0014	1	01/07/22 08:31	01/07/22 16:34	156-59-2	
trans-1,2-Dichloroethene	**0.0017 U**	mg/kg	0.0064	0.0017	1	01/07/22 08:31	01/07/22 16:34	156-60-5	
1,2-Dichloropropane	**0.0012 U**	mg/kg	0.0064	0.0012	1	01/07/22 08:31	01/07/22 16:34	78-87-5	
cis-1,3-Dichloropropene	**0.0013 U**	mg/kg	0.0064	0.0013	1	01/07/22 08:31	01/07/22 16:34	10061-01-5	
trans-1,3-Dichloropropene	**0.0013 U**	mg/kg	0.0064	0.0013	1	01/07/22 08:31	01/07/22 16:34	10061-02-6	
Ethylbenzene	**0.0015 U**	mg/kg	0.0064	0.0015	1	01/07/22 08:31	01/07/22 16:34	100-41-4	
2-Hexanone	**0.0064 U**	mg/kg	0.032	0.0064	1	01/07/22 08:31	01/07/22 16:34	591-78-6	
Iodomethane	**0.0014 U**	mg/kg	0.013	0.0014	1	01/07/22 08:31	01/07/22 16:34	74-88-4	
Isopropylbenzene (Cumene)	**0.0035 U**	mg/kg	0.0064	0.0035	1	01/07/22 08:31	01/07/22 16:34	98-82-8	
Methylene Chloride	**0.0057 U**	mg/kg	0.0064	0.0057	1	01/07/22 08:31	01/07/22 16:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0064 U**	mg/kg	0.032	0.0064	1	01/07/22 08:31	01/07/22 16:34	108-10-1	
Methyl-tert-butyl ether	**0.0019 U**	mg/kg	0.0064	0.0019	1	01/07/22 08:31	01/07/22 16:34	1634-04-4	
Styrene	**0.0032 U**	mg/kg	0.0064	0.0032	1	01/07/22 08:31	01/07/22 16:34	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0013 U**	mg/kg	0.0064	0.0013	1	01/07/22 08:31	01/07/22 16:34	630-20-6	
1,1,2,2-Tetrachloroethane	**0.00078 U**	mg/kg	0.0064	0.00078	1	01/07/22 08:31	01/07/22 16:34	79-34-5	
Tetrachloroethene	**0.0015 U**	mg/kg	0.0064	0.0015	1	01/07/22 08:31	01/07/22 16:34	127-18-4	
Toluene	**0.0010 U**	mg/kg	0.0064	0.0010	1	01/07/22 08:31	01/07/22 16:34	108-88-3	
1,1,1-Trichloroethane	**0.0017 U**	mg/kg	0.0064	0.0017	1	01/07/22 08:31	01/07/22 16:34	71-55-6	
1,1,2-Trichloroethane	**0.00076 U**	mg/kg	0.0064	0.00076	1	01/07/22 08:31	01/07/22 16:34	79-00-5	
Trichloroethene	**0.0015 U**	mg/kg	0.0064	0.0015	1	01/07/22 08:31	01/07/22 16:34	79-01-6	
Trichlorofluoromethane	**0.0012 U**	mg/kg	0.0064	0.0012	1	01/07/22 08:31	01/07/22 16:34	75-69-4	
1,2,3-Trichloropropane	**0.00098 U**	mg/kg	0.0064	0.00098	1	01/07/22 08:31	01/07/22 16:34	96-18-4	
Vinyl acetate	**0.0021 U**	mg/kg	0.0064	0.0021	1	01/07/22 08:31	01/07/22 16:34	108-05-4	J(v1),L3
Vinyl chloride	**0.0012 U**	mg/kg	0.0064	0.0012	1	01/07/22 08:31	01/07/22 16:34	75-01-4	
Xylene (Total)	**0.0066 U**	mg/kg	0.019	0.0066	1	01/07/22 08:31	01/07/22 16:34	1330-20-7	
m&p-Xylene	**0.0066 U**	mg/kg	0.013	0.0066	1	01/07/22 08:31	01/07/22 16:34	179601-23-1	
o-Xylene	**0.0033 U**	mg/kg	0.0064	0.0033	1	01/07/22 08:31	01/07/22 16:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	68-125		1	01/07/22 08:31	01/07/22 16:34	460-00-4	
Toluene-d8 (S)	93	%	70-130		1	01/07/22 08:31	01/07/22 16:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1	01/07/22 08:31	01/07/22 16:34	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-1 **Lab ID: 35688264001** Collected: 01/05/22 11:20 Received: 01/05/22 22:24 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	**12.7**	%	0.10	0.10	1		01/06/22 15:06		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
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ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-2 **Lab ID: 35688264002** Collected: 01/05/22 12:32 Received: 01/05/22 22:24 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
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**5.3 U**	mg/kg	6.1	5.3	1	01/09/22 19:27	01/10/22 23:59		
Surrogates									
o-Terphenyl (S)	101	%	66-136		1	01/09/22 19:27	01/10/22 23:59	84-15-1	
N-Pentatriacontane (S)	80	%	42-159		1	01/09/22 19:27	01/10/22 23:59	630-07-09	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	**0.017 U**	mg/kg	0.037	0.017	1	01/09/22 19:25	01/11/22 21:50	83-32-9	
Acenaphthylene	**0.0055 U**	mg/kg	0.035	0.0055	1	01/09/22 19:25	01/11/22 21:50	208-96-8	
Anthracene	**0.0048 U**	mg/kg	0.037	0.0048	1	01/09/22 19:25	01/11/22 21:50	120-12-7	
Benzo(a)anthracene	**0.0047 U**	mg/kg	0.035	0.0047	1	01/09/22 19:25	01/11/22 21:50	56-55-3	
Benzo(a)pyrene	**0.0087 U**	mg/kg	0.035	0.0087	1	01/09/22 19:25	01/11/22 21:50	50-32-8	
Benzo(b)fluoranthene	**0.0093 U**	mg/kg	0.035	0.0093	1	01/09/22 19:25	01/11/22 21:50	205-99-2	
Benzo(g,h,i)perylene	**0.0088 U**	mg/kg	0.035	0.0088	1	01/09/22 19:25	01/11/22 21:50	191-24-2	
Benzo(k)fluoranthene	**0.0093 U**	mg/kg	0.035	0.0093	1	01/09/22 19:25	01/11/22 21:50	207-08-9	
Chrysene	**0.0047 U**	mg/kg	0.035	0.0047	1	01/09/22 19:25	01/11/22 21:50	218-01-9	
Dibenz(a,h)anthracene	**0.0081 U**	mg/kg	0.035	0.0081	1	01/09/22 19:25	01/11/22 21:50	53-70-3	
Fluoranthene	**0.011 U**	mg/kg	0.035	0.011	1	01/09/22 19:25	01/11/22 21:50	206-44-0	
Fluorene	**0.012 U**	mg/kg	0.038	0.012	1	01/09/22 19:25	01/11/22 21:50	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.0080 U**	mg/kg	0.035	0.0080	1	01/09/22 19:25	01/11/22 21:50	193-39-5	
1-Methylnaphthalene	**0.0058 U**	mg/kg	0.041	0.0058	1	01/09/22 19:25	01/11/22 21:50	90-12-0	
2-Methylnaphthalene	**0.0055 U**	mg/kg	0.040	0.0055	1	01/09/22 19:25	01/11/22 21:50	91-57-6	
Naphthalene	**0.012 U**	mg/kg	0.036	0.012	1	01/09/22 19:25	01/11/22 21:50	91-20-3	
Phenanthrene	**0.0050 U**	mg/kg	0.035	0.0050	1	01/09/22 19:25	01/11/22 21:50	85-01-8	
Pyrene	**0.0047 U**	mg/kg	0.035	0.0047	1	01/09/22 19:25	01/11/22 21:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	44	%	24-98		1	01/09/22 19:25	01/11/22 21:50	4165-60-0	
2-Fluorobiphenyl (S)	59	%	29-101		1	01/09/22 19:25	01/11/22 21:50	321-60-8	
p-Terphenyl-d14 (S)	87	%	29-112		1	01/09/22 19:25	01/11/22 21:50	1718-51-0	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	**0.024 U**	mg/kg	0.047	0.024	1	01/07/22 08:31	01/07/22 17:21	67-64-1	
Acetonitrile	**0.0041 U**	mg/kg	0.047	0.0041	1	01/07/22 08:31	01/07/22 17:21	75-05-8	J(M1)
Benzene	**0.00093 U**	mg/kg	0.0047	0.00093	1	01/07/22 08:31	01/07/22 17:21	71-43-2	
Bromochloromethane	**0.00069 U**	mg/kg	0.0047	0.00069	1	01/07/22 08:31	01/07/22 17:21	74-97-5	
Bromodichloromethane	**0.0010 U**	mg/kg	0.0047	0.0010	1	01/07/22 08:31	01/07/22 17:21	75-27-4	
Bromoform	**0.0010 U**	mg/kg	0.0047	0.0010	1	01/07/22 08:31	01/07/22 17:21	75-25-2	
Bromomethane	**0.00062 U**	mg/kg	0.0047	0.00062	1	01/07/22 08:31	01/07/22 17:21	74-83-9	
2-Butanone (MEK)	**0.0047 U**	mg/kg	0.047	0.0047	1	01/07/22 08:31	01/07/22 17:21	78-93-3	
Carbon disulfide	**0.0023 U**	mg/kg	0.0047	0.0023	1	01/07/22 08:31	01/07/22 17:21	75-15-0	
Carbon tetrachloride	**0.0011 U**	mg/kg	0.0047	0.0011	1	01/07/22 08:31	01/07/22 17:21	56-23-5	
Chlorobenzene	**0.00087 U**	mg/kg	0.0047	0.00087	1	01/07/22 08:31	01/07/22 17:21	108-90-7	J(M1)
Chloroethane	**0.00046 U**	mg/kg	0.0047	0.00046	1	01/07/22 08:31	01/07/22 17:21	75-00-3	J(v1)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-2 **Lab ID: 35688264002** Collected: 01/05/22 12:32 Received: 01/05/22 22:24 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	**0.00078 U**	mg/kg	0.0047	0.00078	1	01/07/22 08:31	01/07/22 17:21	67-66-3	
Chloromethane	**0.00083 U**	mg/kg	0.0047	0.00083	1	01/07/22 08:31	01/07/22 17:21	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0011 U**	mg/kg	0.0047	0.0011	1	01/07/22 08:31	01/07/22 17:21	96-12-8	
Dibromochloromethane	**0.00081 U**	mg/kg	0.0047	0.00081	1	01/07/22 08:31	01/07/22 17:21	124-48-1	J(M1)
1,2-Dibromoethane (EDB)	**0.00069 U**	mg/kg	0.0047	0.00069	1	01/07/22 08:31	01/07/22 17:21	106-93-4	J(M1)
Dibromomethane	**0.00066 U**	mg/kg	0.0047	0.00066	1	01/07/22 08:31	01/07/22 17:21	74-95-3	
1,2-Dichlorobenzene	**0.00071 U**	mg/kg	0.0047	0.00071	1	01/07/22 08:31	01/07/22 17:21	95-50-1	J(M1)
1,4-Dichlorobenzene	**0.00062 U**	mg/kg	0.0047	0.00062	1	01/07/22 08:31	01/07/22 17:21	106-46-7	J(M1)
trans-1,4-Dichloro-2-butene	**0.0011 U**	mg/kg	0.0047	0.0011	1	01/07/22 08:31	01/07/22 17:21	110-57-6	
1,1-Dichloroethane	**0.00091 U**	mg/kg	0.0047	0.00091	1	01/07/22 08:31	01/07/22 17:21	75-34-3	
1,2-Dichloroethane	**0.00072 U**	mg/kg	0.0047	0.00072	1	01/07/22 08:31	01/07/22 17:21	107-06-2	
1,2-Dichloroethene (Total)	**0.0028 U**	mg/kg	0.0047	0.0028	1	01/07/22 08:31	01/07/22 17:21	540-59-0	
1,1-Dichloroethene	**0.0023 U**	mg/kg	0.0047	0.0023	1	01/07/22 08:31	01/07/22 17:21	75-35-4	
cis-1,2-Dichloroethene	**0.0010 U**	mg/kg	0.0047	0.0010	1	01/07/22 08:31	01/07/22 17:21	156-59-2	
trans-1,2-Dichloroethene	**0.0012 U**	mg/kg	0.0047	0.0012	1	01/07/22 08:31	01/07/22 17:21	156-60-5	
1,2-Dichloropropane	**0.00086 U**	mg/kg	0.0047	0.00086	1	01/07/22 08:31	01/07/22 17:21	78-87-5	
cis-1,3-Dichloropropene	**0.00093 U**	mg/kg	0.0047	0.00093	1	01/07/22 08:31	01/07/22 17:21	10061-01-5	J(M1)
trans-1,3-Dichloropropene	**0.00092 U**	mg/kg	0.0047	0.00092	1	01/07/22 08:31	01/07/22 17:21	10061-02-6	J(M1)
Ethylbenzene	**0.0011 U**	mg/kg	0.0047	0.0011	1	01/07/22 08:31	01/07/22 17:21	100-41-4	J(M1)
2-Hexanone	**0.0047 U**	mg/kg	0.023	0.0047	1	01/07/22 08:31	01/07/22 17:21	591-78-6	
Iodomethane	**0.0010 U**	mg/kg	0.0093	0.0010	1	01/07/22 08:31	01/07/22 17:21	74-88-4	
Isopropylbenzene (Cumene)	**0.0025 U**	mg/kg	0.0047	0.0025	1	01/07/22 08:31	01/07/22 17:21	98-82-8	J(M1)
Methylene Chloride	**0.0041 U**	mg/kg	0.0047	0.0041	1	01/07/22 08:31	01/07/22 17:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0047 U**	mg/kg	0.023	0.0047	1	01/07/22 08:31	01/07/22 17:21	108-10-1	
Methyl-tert-butyl ether	**0.0014 U**	mg/kg	0.0047	0.0014	1	01/07/22 08:31	01/07/22 17:21	1634-04-4	
Styrene	**0.0023 U**	mg/kg	0.0047	0.0023	1	01/07/22 08:31	01/07/22 17:21	100-42-5	J(M1)
1,1,1,2-Tetrachloroethane	**0.00093 U**	mg/kg	0.0047	0.00093	1	01/07/22 08:31	01/07/22 17:21	630-20-6	J(M1)
1,1,2,2-Tetrachloroethane	**0.00057 U**	mg/kg	0.0047	0.00057	1	01/07/22 08:31	01/07/22 17:21	79-34-5	
Tetrachloroethene	**0.0011 U**	mg/kg	0.0047	0.0011	1	01/07/22 08:31	01/07/22 17:21	127-18-4	J(M1)
Toluene	**0.00076 U**	mg/kg	0.0047	0.00076	1	01/07/22 08:31	01/07/22 17:21	108-88-3	J(M1)
1,1,1-Trichloroethane	**0.0012 U**	mg/kg	0.0047	0.0012	1	01/07/22 08:31	01/07/22 17:21	71-55-6	
1,1,2-Trichloroethane	**0.00055 U**	mg/kg	0.0047	0.00055	1	01/07/22 08:31	01/07/22 17:21	79-00-5	
Trichloroethene	**0.0011 U**	mg/kg	0.0047	0.0011	1	01/07/22 08:31	01/07/22 17:21	79-01-6	J(M1)
Trichlorofluoromethane	**0.00086 U**	mg/kg	0.0047	0.00086	1	01/07/22 08:31	01/07/22 17:21	75-69-4	
1,2,3-Trichloropropane	**0.00071 U**	mg/kg	0.0047	0.00071	1	01/07/22 08:31	01/07/22 17:21	96-18-4	
Vinyl acetate	**0.0015 U**	mg/kg	0.0047	0.0015	1	01/07/22 08:31	01/07/22 17:21	108-05-4	J(M0), J(v1),L3
Vinyl chloride	**0.00087 U**	mg/kg	0.0047	0.00087	1	01/07/22 08:31	01/07/22 17:21	75-01-4	
Xylene (Total)	**0.0048 U**	mg/kg	0.014	0.0048	1	01/07/22 08:31	01/07/22 17:21	1330-20-7	MS
m&p-Xylene	**0.0048 U**	mg/kg	0.0093	0.0048	1	01/07/22 08:31	01/07/22 17:21	179601-23-1	J(M1)
o-Xylene	**0.0024 U**	mg/kg	0.0047	0.0024	1	01/07/22 08:31	01/07/22 17:21	95-47-6	J(M1)
Surrogates									
4-Bromofluorobenzene (S)	98	%	68-125		1	01/07/22 08:31	01/07/22 17:21	460-00-4	
Toluene-d8 (S)	91	%	70-130		1	01/07/22 08:31	01/07/22 17:21	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	01/07/22 08:31	01/07/22 17:21	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-2 **Lab ID: 35688264002** Collected: 01/05/22 12:32 Received: 01/05/22 22:24 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	**3.4**	%	0.10	0.10	1		01/06/22 15:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-3 **Lab ID: 35688264003** Collected: 01/05/22 11:41 Received: 01/05/22 22:24 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
FL-PRO Soil Microwave	Analytical Method: FL-PRO Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Petroleum Range Organics	**39.1**	mg/kg	6.4	5.5	1	01/09/22 19:27	01/11/22 00:12		
Surrogates									
o-Terphenyl (S)	104	%	66-136		1	01/09/22 19:27	01/11/22 00:12	84-15-1	
N-Pentatriacontane (S)	83	%	42-159		1	01/09/22 19:27	01/11/22 00:12	630-07-09	
8270 MSSV Short List Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach								
Acenaphthene	**0.032 U**	mg/kg	0.073	0.032	1	01/09/22 19:25	01/11/22 22:16	83-32-9	P1
Acenaphthylene	**0.011 U**	mg/kg	0.069	0.011	1	01/09/22 19:25	01/11/22 22:16	208-96-8	P1
Anthracene	**0.0093 U**	mg/kg	0.073	0.0093	1	01/09/22 19:25	01/11/22 22:16	120-12-7	P1
Benzo(a)anthracene	**0.0091 U**	mg/kg	0.069	0.0091	1	01/09/22 19:25	01/11/22 22:16	56-55-3	P1
Benzo(a)pyrene	**0.017 U**	mg/kg	0.069	0.017	1	01/09/22 19:25	01/11/22 22:16	50-32-8	P1
Benzo(b)fluoranthene	**0.018 U**	mg/kg	0.069	0.018	1	01/09/22 19:25	01/11/22 22:16	205-99-2	P1
Benzo(g,h,i)perylene	**0.017 U**	mg/kg	0.069	0.017	1	01/09/22 19:25	01/11/22 22:16	191-24-2	P1
Benzo(k)fluoranthene	**0.018 U**	mg/kg	0.069	0.018	1	01/09/22 19:25	01/11/22 22:16	207-08-9	P1
Chrysene	**0.0091 U**	mg/kg	0.069	0.0091	1	01/09/22 19:25	01/11/22 22:16	218-01-9	P1
Dibenz(a,h)anthracene	**0.016 U**	mg/kg	0.069	0.016	1	01/09/22 19:25	01/11/22 22:16	53-70-3	P1
Fluoranthene	**0.022 U**	mg/kg	0.069	0.022	1	01/09/22 19:25	01/11/22 22:16	206-44-0	P1
Fluorene	**0.024 U**	mg/kg	0.075	0.024	1	01/09/22 19:25	01/11/22 22:16	86-73-7	P1
Indeno(1,2,3-cd)pyrene	**0.016 U**	mg/kg	0.069	0.016	1	01/09/22 19:25	01/11/22 22:16	193-39-5	P1
1-Methylnaphthalene	**0.011 U**	mg/kg	0.081	0.011	1	01/09/22 19:25	01/11/22 22:16	90-12-0	P1
2-Methylnaphthalene	**0.011 U**	mg/kg	0.079	0.011	1	01/09/22 19:25	01/11/22 22:16	91-57-6	P1
Naphthalene	**0.024 U**	mg/kg	0.071	0.024	1	01/09/22 19:25	01/11/22 22:16	91-20-3	P1
Phenanthrene	**0.0097 U**	mg/kg	0.069	0.0097	1	01/09/22 19:25	01/11/22 22:16	85-01-8	P1
Pyrene	**0.0091 U**	mg/kg	0.069	0.0091	1	01/09/22 19:25	01/11/22 22:16	129-00-0	P1
Surrogates									
Nitrobenzene-d5 (S)	60	%	24-98		1	01/09/22 19:25	01/11/22 22:16	4165-60-0	
2-Fluorobiphenyl (S)	74	%	29-101		1	01/09/22 19:25	01/11/22 22:16	321-60-8	
p-Terphenyl-d14 (S)	91	%	29-112		1	01/09/22 19:25	01/11/22 22:16	1718-51-0	
8260 MSV 5035	Analytical Method: EPA 8260 Preparation Method: EPA 5035 Pace Analytical Services - Ormond Beach								
Acetone	**0.028 U**	mg/kg	0.053	0.028	1	01/07/22 08:31	01/07/22 18:07	67-64-1	
Acetonitrile	**0.0047 U**	mg/kg	0.053	0.0047	1	01/07/22 08:31	01/07/22 18:07	75-05-8	
Benzene	**0.0011 U**	mg/kg	0.0053	0.0011	1	01/07/22 08:31	01/07/22 18:07	71-43-2	
Bromochloromethane	**0.00079 U**	mg/kg	0.0053	0.00079	1	01/07/22 08:31	01/07/22 18:07	74-97-5	
Bromodichloromethane	**0.0012 U**	mg/kg	0.0053	0.0012	1	01/07/22 08:31	01/07/22 18:07	75-27-4	
Bromoform	**0.0012 U**	mg/kg	0.0053	0.0012	1	01/07/22 08:31	01/07/22 18:07	75-25-2	
Bromomethane	**0.00071 U**	mg/kg	0.0053	0.00071	1	01/07/22 08:31	01/07/22 18:07	74-83-9	
2-Butanone (MEK)	**0.0053 U**	mg/kg	0.053	0.0053	1	01/07/22 08:31	01/07/22 18:07	78-93-3	
Carbon disulfide	**0.0027 U**	mg/kg	0.0053	0.0027	1	01/07/22 08:31	01/07/22 18:07	75-15-0	
Carbon tetrachloride	**0.0013 U**	mg/kg	0.0053	0.0013	1	01/07/22 08:31	01/07/22 18:07	56-23-5	
Chlorobenzene	**0.00099 U**	mg/kg	0.0053	0.00099	1	01/07/22 08:31	01/07/22 18:07	108-90-7	
Chloroethane	**0.00052 U**	mg/kg	0.0053	0.00052	1	01/07/22 08:31	01/07/22 18:07	75-00-3	J(v1)

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-3 **Lab ID: 35688264003** Collected: 01/05/22 11:41 Received: 01/05/22 22:24 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	**0.00090 U**	mg/kg	0.0053	0.00090	1	01/07/22 08:31	01/07/22 18:07	67-66-3	
Chloromethane	**0.00095 U**	mg/kg	0.0053	0.00095	1	01/07/22 08:31	01/07/22 18:07	74-87-3	
1,2-Dibromo-3-chloropropane	**0.0013 U**	mg/kg	0.0053	0.0013	1	01/07/22 08:31	01/07/22 18:07	96-12-8	
Dibromochloromethane	**0.00093 U**	mg/kg	0.0053	0.00093	1	01/07/22 08:31	01/07/22 18:07	124-48-1	
1,2-Dibromoethane (EDB)	**0.00079 U**	mg/kg	0.0053	0.00079	1	01/07/22 08:31	01/07/22 18:07	106-93-4	
Dibromomethane	**0.00076 U**	mg/kg	0.0053	0.00076	1	01/07/22 08:31	01/07/22 18:07	74-95-3	
1,2-Dichlorobenzene	**0.00081 U**	mg/kg	0.0053	0.00081	1	01/07/22 08:31	01/07/22 18:07	95-50-1	
1,4-Dichlorobenzene	**0.00072 U**	mg/kg	0.0053	0.00072	1	01/07/22 08:31	01/07/22 18:07	106-46-7	
trans-1,4-Dichloro-2-butene	**0.0013 U**	mg/kg	0.0053	0.0013	1	01/07/22 08:31	01/07/22 18:07	110-57-6	
1,1-Dichloroethane	**0.0010 U**	mg/kg	0.0053	0.0010	1	01/07/22 08:31	01/07/22 18:07	75-34-3	
1,2-Dichloroethane	**0.00082 U**	mg/kg	0.0053	0.00082	1	01/07/22 08:31	01/07/22 18:07	107-06-2	
1,2-Dichloroethene (Total)	**0.0033 U**	mg/kg	0.0053	0.0033	1	01/07/22 08:31	01/07/22 18:07	540-59-0	
1,1-Dichloroethene	**0.0027 U**	mg/kg	0.0053	0.0027	1	01/07/22 08:31	01/07/22 18:07	75-35-4	
cis-1,2-Dichloroethene	**0.0012 U**	mg/kg	0.0053	0.0012	1	01/07/22 08:31	01/07/22 18:07	156-59-2	
trans-1,2-Dichloroethene	**0.0014 U**	mg/kg	0.0053	0.0014	1	01/07/22 08:31	01/07/22 18:07	156-60-5	
1,2-Dichloropropane	**0.00098 U**	mg/kg	0.0053	0.00098	1	01/07/22 08:31	01/07/22 18:07	78-87-5	
cis-1,3-Dichloropropene	**0.0011 U**	mg/kg	0.0053	0.0011	1	01/07/22 08:31	01/07/22 18:07	10061-01-5	
trans-1,3-Dichloropropene	**0.0011 U**	mg/kg	0.0053	0.0011	1	01/07/22 08:31	01/07/22 18:07	10061-02-6	
Ethylbenzene	**0.0013 U**	mg/kg	0.0053	0.0013	1	01/07/22 08:31	01/07/22 18:07	100-41-4	
2-Hexanone	**0.0053 U**	mg/kg	0.027	0.0053	1	01/07/22 08:31	01/07/22 18:07	591-78-6	
Iodomethane	**0.0012 U**	mg/kg	0.011	0.0012	1	01/07/22 08:31	01/07/22 18:07	74-88-4	
Isopropylbenzene (Cumene)	**0.0029 U**	mg/kg	0.0053	0.0029	1	01/07/22 08:31	01/07/22 18:07	98-82-8	
Methylene Chloride	**0.0047 U**	mg/kg	0.0053	0.0047	1	01/07/22 08:31	01/07/22 18:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	**0.0053 U**	mg/kg	0.027	0.0053	1	01/07/22 08:31	01/07/22 18:07	108-10-1	
Methyl-tert-butyl ether	**0.0016 U**	mg/kg	0.0053	0.0016	1	01/07/22 08:31	01/07/22 18:07	1634-04-4	
Styrene	**0.0027 U**	mg/kg	0.0053	0.0027	1	01/07/22 08:31	01/07/22 18:07	100-42-5	
1,1,1,2-Tetrachloroethane	**0.0011 U**	mg/kg	0.0053	0.0011	1	01/07/22 08:31	01/07/22 18:07	630-20-6	
1,1,2,2-Tetrachloroethane	**0.00065 U**	mg/kg	0.0053	0.00065	1	01/07/22 08:31	01/07/22 18:07	79-34-5	
Tetrachloroethene	**0.0013 U**	mg/kg	0.0053	0.0013	1	01/07/22 08:31	01/07/22 18:07	127-18-4	
Toluene	**0.00087 U**	mg/kg	0.0053	0.00087	1	01/07/22 08:31	01/07/22 18:07	108-88-3	
1,1,1-Trichloroethane	**0.0014 U**	mg/kg	0.0053	0.0014	1	01/07/22 08:31	01/07/22 18:07	71-55-6	
1,1,2-Trichloroethane	**0.00063 U**	mg/kg	0.0053	0.00063	1	01/07/22 08:31	01/07/22 18:07	79-00-5	
Trichloroethene	**0.0013 U**	mg/kg	0.0053	0.0013	1	01/07/22 08:31	01/07/22 18:07	79-01-6	
Trichlorofluoromethane	**0.00098 U**	mg/kg	0.0053	0.00098	1	01/07/22 08:31	01/07/22 18:07	75-69-4	
1,2,3-Trichloropropane	**0.00081 U**	mg/kg	0.0053	0.00081	1	01/07/22 08:31	01/07/22 18:07	96-18-4	
Vinyl acetate	**0.0017 U**	mg/kg	0.0053	0.0017	1	01/07/22 08:31	01/07/22 18:07	108-05-4	J(v1),L3
Vinyl chloride	**0.00099 U**	mg/kg	0.0053	0.00099	1	01/07/22 08:31	01/07/22 18:07	75-01-4	
Xylene (Total)	**0.0055 U**	mg/kg	0.016	0.0055	1	01/07/22 08:31	01/07/22 18:07	1330-20-7	
m&p-Xylene	**0.0055 U**	mg/kg	0.011	0.0055	1	01/07/22 08:31	01/07/22 18:07	179601-23-1	
o-Xylene	**0.0028 U**	mg/kg	0.0053	0.0028	1	01/07/22 08:31	01/07/22 18:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	68-125		1	01/07/22 08:31	01/07/22 18:07	460-00-4	
Toluene-d8 (S)	92	%	70-130		1	01/07/22 08:31	01/07/22 18:07	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	01/07/22 08:31	01/07/22 18:07	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Sample: SB-3 **Lab ID: 35688264003** Collected: 01/05/22 11:41 Received: 01/05/22 22:24 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	**7.5**	%	0.10	0.10	1		01/06/22 15:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

QC Batch: 790633
QC Batch Method: EPA 5035
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35688264001, 35688264002, 35688264003

METHOD BLANK: 4338895 Matrix: Solid
Associated Lab Samples: 35688264001, 35688264002, 35688264003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00097 U	0.0048	0.00097	01/07/22 10:45	
1,1,1-Trichloroethane	mg/kg	0.0013 U	0.0048	0.0013	01/07/22 10:45	
1,1,2,2-Tetrachloroethane	mg/kg	0.00059 U	0.0048	0.00059	01/07/22 10:45	
1,1,2-Trichloroethane	mg/kg	0.00057 U	0.0048	0.00057	01/07/22 10:45	
1,1-Dichloroethane	mg/kg	0.00095 U	0.0048	0.00095	01/07/22 10:45	
1,1-Dichloroethene	mg/kg	0.0024 U	0.0048	0.0024	01/07/22 10:45	
1,2,3-Trichloropropane	mg/kg	0.00074 U	0.0048	0.00074	01/07/22 10:45	
1,2-Dibromo-3-chloropropane	mg/kg	0.0012 U	0.0048	0.0012	01/07/22 10:45	
1,2-Dibromoethane (EDB)	mg/kg	0.00072 U	0.0048	0.00072	01/07/22 10:45	
1,2-Dichlorobenzene	mg/kg	0.00074 U	0.0048	0.00074	01/07/22 10:45	
1,2-Dichloroethane	mg/kg	0.00075 U	0.0048	0.00075	01/07/22 10:45	
1,2-Dichloroethene (Total)	mg/kg	0.0030 U	0.0048	0.0030	01/07/22 10:45	
1,2-Dichloropropane	mg/kg	0.00089 U	0.0048	0.00089	01/07/22 10:45	
1,4-Dichlorobenzene	mg/kg	0.00065 U	0.0048	0.00065	01/07/22 10:45	
2-Butanone (MEK)	mg/kg	0.0048 U	0.048	0.0048	01/07/22 10:45	
2-Hexanone	mg/kg	0.0048 U	0.024	0.0048	01/07/22 10:45	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0048 U	0.024	0.0048	01/07/22 10:45	
Acetone	mg/kg	0.025 U	0.048	0.025	01/07/22 10:45	
Acetonitrile	mg/kg	0.0043 U	0.048	0.0043	01/07/22 10:45	
Benzene	mg/kg	0.00097 U	0.0048	0.00097	01/07/22 10:45	
Bromochloromethane	mg/kg	0.00072 U	0.0048	0.00072	01/07/22 10:45	
Bromodichloromethane	mg/kg	0.0011 U	0.0048	0.0011	01/07/22 10:45	
Bromoform	mg/kg	0.0011 U	0.0048	0.0011	01/07/22 10:45	
Bromomethane	mg/kg	0.00064 U	0.0048	0.00064	01/07/22 10:45	
Carbon disulfide	mg/kg	0.0024 U	0.0048	0.0024	01/07/22 10:45	
Carbon tetrachloride	mg/kg	0.0012 U	0.0048	0.0012	01/07/22 10:45	
Chlorobenzene	mg/kg	0.00090 U	0.0048	0.00090	01/07/22 10:45	
Chloroethane	mg/kg	0.00047 U	0.0048	0.00047	01/07/22 10:45	J(v1)
Chloroform	mg/kg	0.00081 U	0.0048	0.00081	01/07/22 10:45	
Chloromethane	mg/kg	0.00086 U	0.0048	0.00086	01/07/22 10:45	
cis-1,2-Dichloroethene	mg/kg	0.0011 U	0.0048	0.0011	01/07/22 10:45	
cis-1,3-Dichloropropene	mg/kg	0.00097 U	0.0048	0.00097	01/07/22 10:45	
Dibromochloromethane	mg/kg	0.00084 U	0.0048	0.00084	01/07/22 10:45	
Dibromomethane	mg/kg	0.00069 U	0.0048	0.00069	01/07/22 10:45	
Ethylbenzene	mg/kg	0.0012 U	0.0048	0.0012	01/07/22 10:45	
Iodomethane	mg/kg	0.0011 U	0.0097	0.0011	01/07/22 10:45	
Isopropylbenzene (Cumene)	mg/kg	0.0026 U	0.0048	0.0026	01/07/22 10:45	
m&p-Xylene	mg/kg	0.0050 U	0.0097	0.0050	01/07/22 10:45	
Methyl-tert-butyl ether	mg/kg	0.0015 U	0.0048	0.0015	01/07/22 10:45	
Methylene Chloride	mg/kg	0.0043 U	0.0048	0.0043	01/07/22 10:45	

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

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

METHOD BLANK: 4338895 Matrix: Solid
Associated Lab Samples: 35688264001, 35688264002, 35688264003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
o-Xylene	mg/kg	0.0025 U	0.0048	0.0025	01/07/22 10:45	
Styrene	mg/kg	0.0024 U	0.0048	0.0024	01/07/22 10:45	
Tetrachloroethene	mg/kg	0.0012 U	0.0048	0.0012	01/07/22 10:45	
Toluene	mg/kg	0.00078 U	0.0048	0.00078	01/07/22 10:45	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0048	0.0013	01/07/22 10:45	
trans-1,3-Dichloropropene	mg/kg	0.00096 U	0.0048	0.00096	01/07/22 10:45	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0048	0.0012	01/07/22 10:45	
Trichloroethene	mg/kg	0.0012 U	0.0048	0.0012	01/07/22 10:45	
Trichlorofluoromethane	mg/kg	0.00089 U	0.0048	0.00089	01/07/22 10:45	
Vinyl acetate	mg/kg	0.0016 U	0.0048	0.0016	01/07/22 10:45	J(v1)
Vinyl chloride	mg/kg	0.00090 U	0.0048	0.00090	01/07/22 10:45	
Xylene (Total)	mg/kg	0.0050 U	0.015	0.0050	01/07/22 10:45	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130		01/07/22 10:45	
4-Bromofluorobenzene (S)	%	94	68-125		01/07/22 10:45	
Toluene-d8 (S)	%	100	70-130		01/07/22 10:45	

LABORATORY CONTROL SAMPLE: 4338896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.019	0.020	104	70-130	
1,1,1-Trichloroethane	mg/kg	0.019	0.020	103	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.019	0.020	102	70-130	
1,1,2-Trichloroethane	mg/kg	0.019	0.020	103	70-130	
1,1-Dichloroethane	mg/kg	0.019	0.021	109	70-130	
1,1-Dichloroethene	mg/kg	0.019	0.021	107	62-131	
1,2,3-Trichloropropane	mg/kg	0.019	0.021	108	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.019	0.020	102	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.019	0.020	102	70-130	
1,2-Dichlorobenzene	mg/kg	0.019	0.021	106	70-130	
1,2-Dichloroethane	mg/kg	0.019	0.021	106	70-130	
1,2-Dichloroethene (Total)	mg/kg	0.039	0.041	106	70-130	
1,2-Dichloropropane	mg/kg	0.019	0.019	96	70-130	
1,4-Dichlorobenzene	mg/kg	0.019	0.022	110	70-130	
2-Butanone (MEK)	mg/kg	0.097	0.094	97	64-121	
2-Hexanone	mg/kg	0.097	0.10	105	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.097	0.10	104	70-130	
Acetone	mg/kg	0.097	0.098	101	68-146	
Acetonitrile	mg/kg	0.097	0.10	104	68-131	
Benzene	mg/kg	0.019	0.020	102	70-130	
Bromochloromethane	mg/kg	0.019	0.020	104	70-130	
Bromodichloromethane	mg/kg	0.019	0.019	98	70-130	
Bromoform	mg/kg	0.019	0.021	107	54-129	
Bromomethane	mg/kg	0.019	0.020	103	58-144	
Carbon disulfide	mg/kg	0.019	0.019	96	57-133	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

LABORATORY CONTROL SAMPLE: 4338896

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/kg	0.019	0.021	107	63-137	
Chlorobenzene	mg/kg	0.019	0.020	104	70-130	
Chloroethane	mg/kg	0.019	0.024	123	40-165	J(v1)
Chloroform	mg/kg	0.019	0.019	99	70-130	
Chloromethane	mg/kg	0.019	0.021	110	64-127	
cis-1,2-Dichloroethene	mg/kg	0.019	0.020	104	70-130	
cis-1,3-Dichloropropene	mg/kg	0.019	0.018	95	70-130	
Dibromochloromethane	mg/kg	0.019	0.019	99	70-130	
Dibromomethane	mg/kg	0.019	0.019	95	70-130	
Ethylbenzene	mg/kg	0.019	0.020	104	70-130	
Iodomethane	mg/kg	0.019	0.018	93	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.019	0.020	105	70-130	
m&p-Xylene	mg/kg	0.039	0.043	110	70-130	
Methyl-tert-butyl ether	mg/kg	0.019	0.019	96	65-124	
Methylene Chloride	mg/kg	0.019	0.020	103	51-142	
o-Xylene	mg/kg	0.019	0.020	103	70-130	
Styrene	mg/kg	0.019	0.020	102	70-130	
Tetrachloroethene	mg/kg	0.019	0.019	100	70-130	
Toluene	mg/kg	0.019	0.020	104	70-130	
trans-1,2-Dichloroethene	mg/kg	0.019	0.021	107	70-130	
trans-1,3-Dichloropropene	mg/kg	0.019	0.021	107	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.019	0.021	110	65-142	
Trichloroethene	mg/kg	0.019	0.019	95	70-130	
Trichlorofluoromethane	mg/kg	0.019	0.022	114	60-148	
Vinyl acetate	mg/kg	0.019	0.028	145	70-130	J(L1),J(v1)
Vinyl chloride	mg/kg	0.019	0.020	105	69-124	
Xylene (Total)	mg/kg	0.058	0.063	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			99	68-125	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE SAMPLE: 4338899

Parameter	Units	35688264002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00093 U	0.021	0.012	59	70-130	J(M1)
1,1,1-Trichloroethane	mg/kg	0.0012 U	0.021	0.018	85	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.00057 U	0.021	0.016	74	70-130	
1,1,2-Trichloroethane	mg/kg	0.00055 U	0.021	0.016	76	70-130	
1,1-Dichloroethane	mg/kg	0.00091 U	0.021	0.020	94	70-130	
1,1-Dichloroethene	mg/kg	0.0023 U	0.021	0.021	100	62-131	
1,2,3-Trichloropropane	mg/kg	0.00071 U	0.021	0.016	78	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.0011 U	0.021	0.014	65	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.00069 U	0.021	0.014	69	70-130	J(M1)
1,2-Dichlorobenzene	mg/kg	0.00071 U	0.021	0.0064	30	70-130	J(M1)
1,2-Dichloroethane	mg/kg	0.00072 U	0.021	0.019	89	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

MATRIX SPIKE SAMPLE: 4338899

Parameter	Units	35688264002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	mg/kg	0.0028 U	0.041	0.035	83	70-130	
1,2-Dichloropropane	mg/kg	0.00086 U	0.021	0.016	75	70-130	
1,4-Dichlorobenzene	mg/kg	0.00062 U	0.021	0.0053	25	70-130	J(M1)
2-Butanone (MEK)	mg/kg	0.0047 U	0.1	0.099	95	64-121	
2-Hexanone	mg/kg	0.0047 U	0.1	0.089	85	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0047 U	0.1	0.10	96	70-130	
Acetone	mg/kg	0.024 U	0.1	0.11	103	68-146	
Acetonitrile	mg/kg	0.0041 U	0.1	0.053	51	68-131	J(M1)
Benzene	mg/kg	0.00093 U	0.021	0.016	74	70-130	
Bromochloromethane	mg/kg	0.00069 U	0.021	0.018	86	70-130	
Bromodichloromethane	mg/kg	0.0010 U	0.021	0.015	72	70-130	
Bromoform	mg/kg	0.0010 U	0.021	0.013	64	54-129	
Bromomethane	mg/kg	0.00062 U	0.021	0.021	98	58-144	
Carbon disulfide	mg/kg	0.0023 U	0.021	0.016	77	57-133	
Carbon tetrachloride	mg/kg	0.0011 U	0.021	0.018	84	63-137	
Chlorobenzene	mg/kg	0.00087 U	0.021	0.0088	42	70-130	J(M1)
Chloroethane	mg/kg	0.00046 U	0.021	0.027	130	40-165	J(v1)
Chloroform	mg/kg	0.00078 U	0.021	0.017	79	70-130	
Chloromethane	mg/kg	0.00083 U	0.021	0.024	113	64-127	
cis-1,2-Dichloroethene	mg/kg	0.0010 U	0.021	0.017	82	70-130	
cis-1,3-Dichloropropene	mg/kg	0.00093 U	0.021	0.013	60	70-130	J(M1)
Dibromochloromethane	mg/kg	0.00081 U	0.021	0.014	67	70-130	J(M1)
Dibromomethane	mg/kg	0.00066 U	0.021	0.016	74	70-130	
Ethylbenzene	mg/kg	0.0011 U	0.021	0.0075	36	70-130	J(M1)
Iodomethane	mg/kg	0.0010 U	0.021	0.016	76	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.0025 U	0.021	0.0053	25	70-130	J(M1)
m&p-Xylene	mg/kg	0.0048 U	0.041	0.014	33	70-130	J(M1)
Methyl-tert-butyl ether	mg/kg	0.0014 U	0.021	0.019	90	65-124	
Methylene Chloride	mg/kg	0.0041 U	0.021	0.016	78	51-142	
o-Xylene	mg/kg	0.0024 U	0.021	0.0070	33	70-130	J(M1)
Styrene	mg/kg	0.0023 U	0.021	0.0061	29	70-130	J(M1)
Tetrachloroethene	mg/kg	0.0011 U	0.021	0.010	49	70-130	J(M1)
Toluene	mg/kg	0.00076 U	0.021	0.012	59	70-130	J(M1)
trans-1,2-Dichloroethene	mg/kg	0.0012 U	0.021	0.017	84	70-130	
trans-1,3-Dichloropropene	mg/kg	0.00092 U	0.021	0.014	65	70-130	J(M1)
trans-1,4-Dichloro-2-butene	mg/kg	0.0011 U	0.021	0.013	64	65-142	
Trichloroethene	mg/kg	0.0011 U	0.021	0.014	66	70-130	J(M1)
Trichlorofluoromethane	mg/kg	0.00086 U	0.021	0.027	131	60-148	
Vinyl acetate	mg/kg	0.0015 U	0.021	0.0039 I	19	70-130	J(M0),J(v1)
Vinyl chloride	mg/kg	0.00087 U	0.021	0.024	114	69-124	
Xylene (Total)	mg/kg	0.0048 U	0.063	0.021	33	70-130	MS
1,2-Dichlorobenzene-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				96	68-125	
Toluene-d8 (S)	%				95	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

SAMPLE DUPLICATE: 4338898

Parameter	Units	35688264001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.0013 U	0.0012 U		40	
1,1,1-Trichloroethane	mg/kg	0.0017 U	0.0016 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00078 U	0.00075 U		40	
1,1,2-Trichloroethane	mg/kg	0.00076 U	0.00073 U		40	
1,1-Dichloroethane	mg/kg	0.0013 U	0.0012 U		40	
1,1-Dichloroethene	mg/kg	0.0032 U	0.0031 U		40	
1,2,3-Trichloropropane	mg/kg	0.00098 U	0.00093 U		40	
1,2-Dibromo-3-chloropropane	mg/kg	0.0015 U	0.0015 U		40	
1,2-Dibromoethane (EDB)	mg/kg	0.00095 U	0.00091 U		40	
1,2-Dichlorobenzene	mg/kg	0.00098 U	0.00093 U		40	
1,2-Dichloroethane	mg/kg	0.00099 U	0.00095 U		40	
1,2-Dichloroethene (Total)	mg/kg	0.0039 U	0.0038 U		40	
1,2-Dichloropropane	mg/kg	0.0012 U	0.0011 U		40	
1,4-Dichlorobenzene	mg/kg	0.00086 U	0.00082 U		40	
2-Butanone (MEK)	mg/kg	0.0064 U	0.0061 U		40	
2-Hexanone	mg/kg	0.0064 U	0.0061 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0064 U	0.0061 U		40	
Acetone	mg/kg	0.033 U	0.032 U		40	
Acetonitrile	mg/kg	0.0057 U	0.0054 U		40	
Benzene	mg/kg	0.0013 U	0.0012 U		40	
Bromochloromethane	mg/kg	0.00095 U	0.00091 U		40	
Bromodichloromethane	mg/kg	0.0014 U	0.0014 U		40	
Bromoform	mg/kg	0.0014 U	0.0014 U		40	
Bromomethane	mg/kg	0.00085 U	0.00081 U		40	
Carbon disulfide	mg/kg	0.0032 U	0.0031 U		40	
Carbon tetrachloride	mg/kg	0.0015 U	0.0015 U		40	
Chlorobenzene	mg/kg	0.0012 U	0.0011 U		40	
Chloroethane	mg/kg	0.00063 U	0.00060 U		40	J(v1)
Chloroform	mg/kg	0.0011 U	0.0010 U		40	
Chloromethane	mg/kg	0.0011 U	0.0011 U		40	
cis-1,2-Dichloroethene	mg/kg	0.0014 U	0.0014 U		40	
cis-1,3-Dichloropropene	mg/kg	0.0013 U	0.0012 U		40	
Dibromochloromethane	mg/kg	0.0011 U	0.0011 U		40	
Dibromomethane	mg/kg	0.00091 U	0.00087 U		40	
Ethylbenzene	mg/kg	0.0015 U	0.0015 U		40	
Iodomethane	mg/kg	0.0014 U	0.0014 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.0035 U	0.0033 U		40	
m&p-Xylene	mg/kg	0.0066 U	0.0063 U		40	
Methyl-tert-butyl ether	mg/kg	0.0019 U	0.0018 U		40	
Methylene Chloride	mg/kg	0.0057 U	0.0054 U		40	
o-Xylene	mg/kg	0.0033 U	0.0032 U		40	
Styrene	mg/kg	0.0032 U	0.0031 U		40	
Tetrachloroethene	mg/kg	0.0015 U	0.0015 U		40	
Toluene	mg/kg	0.0010 U	0.0010 U		40	
trans-1,2-Dichloroethene	mg/kg	0.0017 U	0.0016 U		40	
trans-1,3-Dichloropropene	mg/kg	0.0013 U	0.0012 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.0015 U	0.0015 U		40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

SAMPLE DUPLICATE: 4338898

Parameter	Units	35688264001 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	mg/kg	0.0015 U	0.0015 U		40	
Trichlorofluoromethane	mg/kg	0.0012 U	0.0011 U		40	
Vinyl acetate	mg/kg	0.0021 U	0.0020 U		40	J(v1)
Vinyl chloride	mg/kg	0.0012 U	0.0011 U		40	
Xylene (Total)	mg/kg	0.0066 U	0.0063 U		40	
1,2-Dichlorobenzene-d4 (S)	%	96	98		40	
4-Bromofluorobenzene (S)	%	93	92		40	
Toluene-d8 (S)	%	93	93		40	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

QC Batch: 790950
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave Short Spike
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35688264001, 35688264002, 35688264003

METHOD BLANK: 4340684 Matrix: Solid
Associated Lab Samples: 35688264001, 35688264002, 35688264003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	mg/kg	0.0055 U	0.040	0.0055	01/11/22 14:25	
2-Methylnaphthalene	mg/kg	0.0052 U	0.039	0.0052	01/11/22 14:25	
Acenaphthene	mg/kg	0.016 U	0.036	0.016	01/11/22 14:25	
Acenaphthylene	mg/kg	0.0052 U	0.034	0.0052	01/11/22 14:25	
Anthracene	mg/kg	0.0045 U	0.036	0.0045	01/11/22 14:25	
Benzo(a)anthracene	mg/kg	0.0044 U	0.034	0.0044	01/11/22 14:25	
Benzo(a)pyrene	mg/kg	0.0083 U	0.034	0.0083	01/11/22 14:25	
Benzo(b)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	01/11/22 14:25	
Benzo(g,h,i)perylene	mg/kg	0.0084 U	0.034	0.0084	01/11/22 14:25	
Benzo(k)fluoranthene	mg/kg	0.0089 U	0.034	0.0089	01/11/22 14:25	
Chrysene	mg/kg	0.0044 U	0.034	0.0044	01/11/22 14:25	
Dibenz(a,h)anthracene	mg/kg	0.0077 U	0.034	0.0077	01/11/22 14:25	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	01/11/22 14:25	
Fluorene	mg/kg	0.012 U	0.037	0.012	01/11/22 14:25	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0076 U	0.034	0.0076	01/11/22 14:25	
Naphthalene	mg/kg	0.012 U	0.035	0.012	01/11/22 14:25	
Phenanthrene	mg/kg	0.0047 U	0.034	0.0047	01/11/22 14:25	
Pyrene	mg/kg	0.0044 U	0.034	0.0044	01/11/22 14:25	
2-Fluorobiphenyl (S)	%	68	29-101		01/11/22 14:25	
Nitrobenzene-d5 (S)	%	66	24-98		01/11/22 14:25	
p-Terphenyl-d14 (S)	%	87	29-112		01/11/22 14:25	

LABORATORY CONTROL SAMPLE: 4340685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	mg/kg	1.7	1.2	75	38-115	
2-Methylnaphthalene	mg/kg	1.7	1.2	73	37-115	
Acenaphthene	mg/kg	1.7	1.2	73	30-127	
Acenaphthylene	mg/kg	1.7	1.3	80	29-129	
Anthracene	mg/kg	1.7	1.4	84	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.5	89	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.5	90	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.4	83	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.5	88	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.5	90	39-133	
Chrysene	mg/kg	1.7	1.5	89	39-125	
Dibenz(a,h)anthracene	mg/kg	1.7	1.4	86	37-127	
Fluoranthene	mg/kg	1.7	1.4	87	39-130	
Fluorene	mg/kg	1.7	1.4	82	35-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

LABORATORY CONTROL SAMPLE: 4340685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	84	35-133	
Naphthalene	mg/kg	1.7	1.2	70	36-115	
Phenanthrene	mg/kg	1.7	1.4	82	35-128	
Pyrene	mg/kg	1.7	1.6	98	37-132	
2-Fluorobiphenyl (S)	%			74	29-101	
Nitrobenzene-d5 (S)	%			72	24-98	
p-Terphenyl-d14 (S)	%			97	29-112	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4340686 4340687

Parameter	Units	35688282009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	mg/kg	0.0065 U	2	2	1.4	1.4	71	75	38-115	4	40	
2-Methylnaphthalene	mg/kg	0.0062 U	2	2	1.3	1.4	68	71	37-115	4	40	
Acenaphthene	mg/kg	0.019 U	2	2	1.4	1.4	69	73	30-127	5	40	
Acenaphthylene	mg/kg	0.0062 U	2	2	1.5	1.5	75	80	29-129	5	40	
Anthracene	mg/kg	0.0054 U	2	2	1.5	1.6	79	84	37-126	6	40	
Benzo(a)anthracene	mg/kg	0.0052 U	2	2	1.7	1.8	86	91	37-130	5	40	
Benzo(a)pyrene	mg/kg	0.0098 U	2	2	1.7	1.8	87	91	39-128	4	40	
Benzo(b)fluoranthene	mg/kg	0.010 U	2	2	1.6	1.6	80	85	38-128	4	40	
Benzo(g,h,i)perylene	mg/kg	0.0099 U	2	2	1.7	1.7	85	90	34-136	4	40	
Benzo(k)fluoranthene	mg/kg	0.010 U	2	2	1.7	1.7	85	90	39-133	4	40	
Chrysene	mg/kg	0.0052 U	2	2	1.7	1.7	85	89	39-125	4	40	
Dibenz(a,h)anthracene	mg/kg	0.0091 U	2	2	1.6	1.7	82	87	37-127	5	40	
Fluoranthene	mg/kg	0.013 U	2	2	1.6	1.7	82	88	39-130	5	40	
Fluorene	mg/kg	0.014 U	2	2	1.5	1.6	78	84	35-125	6	40	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0090 U	2	2	1.6	1.7	81	86	35-133	5	40	
Naphthalene	mg/kg	0.014 U	2	2	1.3	1.3	66	69	36-115	3	40	
Phenanthrene	mg/kg	0.0056 U	2	2	1.5	1.6	78	83	35-128	5	40	
Pyrene	mg/kg	0.0052 U	2	2	1.8	1.9	93	99	37-132	5	40	
2-Fluorobiphenyl (S)	%						70	75	29-101			
Nitrobenzene-d5 (S)	%						67	70	24-98			
p-Terphenyl-d14 (S)	%						92	98	29-112			

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

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

QC Batch: 790951
QC Batch Method: EPA 3546
Analysis Method: FL-PRO
Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35688264002, 35688264003

METHOD BLANK: 4340688 Matrix: Solid
Associated Lab Samples: 35688264002, 35688264003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	6.0	5.1	01/10/22 19:44	
N-Pentatriacontane (S)	%	81	42-159		01/10/22 19:44	
o-Terphenyl (S)	%	112	66-136		01/10/22 19:44	

LABORATORY CONTROL SAMPLE: 4340689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	198	182	92	65-119	
N-Pentatriacontane (S)	%			80	42-159	
o-Terphenyl (S)	%			105	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4340690 4340691

Parameter	Units	35687869021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.2 U	205	204	211	216	101	103	39-181	2	25	
N-Pentatriacontane (S)	%						84	80	42-159			
o-Terphenyl (S)	%						105	102	66-136			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

QC Batch: 791499
QC Batch Method: EPA 3546
Analysis Method: FL-PRO
Analysis Description: FL-PRO Soil
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35688264001

METHOD BLANK: 4344495 Matrix: Solid
Associated Lab Samples: 35688264001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Petroleum Range Organics	mg/kg	5.1 U	6.0	5.1	01/12/22 12:30	
N-Pentatriacontane (S)	%	72	42-159		01/12/22 12:30	
o-Terphenyl (S)	%	81	66-136		01/12/22 12:30	

LABORATORY CONTROL SAMPLE: 4344496

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Petroleum Range Organics	mg/kg	200	157	79	65-119	
N-Pentatriacontane (S)	%			78	42-159	
o-Terphenyl (S)	%			85	66-136	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4344497 4344498

Parameter	Units	35688250002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Petroleum Range Organics	mg/kg	5.1 U	199	201	178	173	89	85	39-181	3	25	
N-Pentatriacontane (S)	%						86	86	42-159			
o-Terphenyl (S)	%						93	91	66-136			

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

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

QC Batch: 790463
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35688264001, 35688264002, 35688264003

SAMPLE DUPLICATE: 4337388

Parameter	Units	35686681001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.2	6.1	2	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

QUALIFIERS

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Compound was analyzed for but not detected.
J(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(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.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
P1	Routine initial sample volume or weight was not used for extraction, resulting in elevated reporting limits.

Pace Analytical Services, LLC
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Ormond Beach, FL 32174
(386)672-5668

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: EQ217672-West Newberry Rd.
Pace Project No.: 35688264

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35688264001	**SB-1**	EPA 3546	791499	FL-PRO	791578
35688264002	**SB-2**	EPA 3546	790951	FL-PRO	791016
35688264003	**SB-3**	EPA 3546	790951	FL-PRO	791016
35688264001	**SB-1**	EPA 3546	790950	EPA 8270	791284
35688264002	**SB-2**	EPA 3546	790950	EPA 8270	791284
35688264003	**SB-3**	EPA 3546	790950	EPA 8270	791284
35688264001	**SB-1**	EPA 5035	790633	EPA 8260	790648
35688264002	**SB-2**	EPA 5035	790633	EPA 8260	790648
35688264003	**SB-3**	EPA 5035	790633	EPA 8260	790648
35688264001	**SB-1**	ASTM D2974-87	790463		
35688264002	**SB-2**	ASTM D2974-87	790463		
35688264003	**SB-3**	ASTM D2974-87	790463		

WO# : 35688264

35688264

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

...edgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf.

Section A
Required Client Inform...

Company:	Terracon Consultants-Jacksonville	Report To:	Angellica Karones
Address:	8001 Baymeadows Way	Copy To:	
Jacksonville, FL 32256			
Email:	angellica.karones@terracon.com	Purchase Order #:	
Phone:	(904)479-7407 Fax:	Project Name:	EQ217672-West Newberry Rd.
Requested Due Date:		Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	bill.white@pacelabs.com,
Pace Profile #:	13315 - 2

Regulatory Agency
State / Location
FL

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	VOC Full List 8260	PAH, FLPRO	Poss TPHCWGS	Residual Chlorine (Y/N)
1	SB-1	SL	G	1-5-22	1120	1-5-22			5	✓						✓	✓		✓	✓	✓	
2	SB-2	SL	G	1-5-22	1232	1-5-22			5	✓						✓	✓		✓	✓	✓	
3	SB-3	SL	G	1-5-22	1141	1-5-22			5	✓						✓	✓		✓	✓	✓	
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
*Please hold TPHCWGS		1-5-22	1742	KMF/Pace	1/5/22	2224	2.6	Y	Y	Y
until TRPH results*										

SAMPLER NAME AND SIGNATURE					
PRINT Name of SAMPLER:	Daryl Williams				
SIGNATURE of SAMPLER:		DATE Signed:	1-5-22		

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical

Sample Condition Upon Receipt Form (SCUR)

WO# : 35688264
PM: WBW Due Date: 01/13/22
CLIENT: TERJAX

Project #
Project Manager:
Client:

Date and Initials of person:
Examining contents:
Label: SB
Deliver:
pH:

Thermometer Used: T-393 Date: 1/5/22 Time: 2255 Initials: CP1

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

Cooler #1 Temp.°C 2.6	(Visual) 0	(Correction Factor) 2.6	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #2 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #3 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #4 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #5 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun
Cooler #6 Temp.°C	(Visual)	(Correction Factor)	(Actual)	☐ Samples on ice, cooling process has begun

Recheck for OOT °C _____(Visual) _____(Correction Factor) _____(Actual) Time:_____ Initials:_____

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace ☐ Other_____

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

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

Tracking # _____

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	
Containers Intact	☑Yes ☐ No ☐N/A	
Sample Labels match COC (sample IDs & date/time of collection)	☑Yes ☐ No ☐N/A	
All containers needing acid/base preservation have been checked.	☐Yes ☐ No ☑N/A	Preservation Information: Preservative:_____ Lot #/Trace #:_____ Date:_____ Time:_____ Initials:_____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, PFAS	☐Yes ☐ No ☑N/A	
Headspace in VOA Vials? (>6mm):	☐Yes ☐ No ☑N/A	
Trip Blank Present:	☐Yes ☐ No ☑N/A	

Comments/ Resolution (use back for additional comments):_____