

Smith, George

From: Timothy J. Treshler <ttreshler@pascocountyfl.net>
Sent: Monday, October 23, 2023 4:26 PM
To: Madden, Melissa; SWD_Waste
Cc: Justin G. Roessler
Subject: West Pasco Resource Recovery Facility (WACS#45799) DDMS - Post-Closure Soil Sampling Results
Attachments: 2023_09_28_Soil_PACE_Results.pdf

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good afternoon,

In accordance with Department's letter dated 09/05/2023 authorizing the County to use the Disaster Debris Management Site (DDMS) at the Pasco County Resource Recovery Facility located at 14230 Hays Road, Spring Hill, Florida 34610 the Pasco County Solid Waste Department has conducted soil testing following the closure of the DDMS on 9/26/2023. A total of six soil samples were collected from areas which housed debris and the samples were delivered on wet ice to the County's contracted laboratory for analysis. The attached results were reviewed and compared to the applicable leachability-based soil Cleanup Target Levels – no exceedances were found.

Regards,



Tim Treshler

Sr. Program Manager
Public Infrastructure Branch
Solid Waste Department

Pasco County

P 727-847-2411 Ext. 2060

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CUSA18A7



October 17, 2023

Ms. Candia E. Mulhern
Pasco County Environmental Laboratory
8864 Government Drive
New Port Richey, FL 34654

RE: Project: Soil
Pace Project No.: 35830894

Dear Ms. Mulhern:

Enclosed are the analytical results for sample(s) received by the laboratory on September 29, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Ormond Beach

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

Sincerely,

Chelsea Gagne
chelsea.gagne@pacelabs.com
813-855-1844
Project Manager

Enclosures

cc: Carissa Dennison, Pasco County Utilities Environmental
Laboratory



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Soil
Pace Project No.: 35830894

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
DoD-ANAB #:ADE-3199
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

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

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SAMPLE SUMMARY

Project: Soil
Pace Project No.: 35830894

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35830894001	DBC 1	Solid	09/28/23 11:45	09/29/23 11:53
35830894002	DBC 2	Solid	09/28/23 11:45	09/29/23 11:53
35830894003	DBC 3	Solid	09/28/23 11:55	09/29/23 11:53
35830894004	DBV 1	Solid	09/28/23 12:05	09/29/23 11:53
35830894005	DBV 2	Solid	09/28/23 12:10	09/29/23 11:53
35830894006	DBV 3	Solid	09/28/23 12:15	09/29/23 11:53

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SAMPLE ANALYTE COUNT

Project: Soil
Pace Project No.: 35830894

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35830894001	DBC 1	EPA 6010	KC2	7	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
35830894002	DBC 2	EPA 6010	KC2	7	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
35830894003	DBC 3	EPA 6010	KC2	7	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
35830894004	DBV 1	EPA 6010	KC2	7	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
35830894005	DBV 2	EPA 6010	KC2	7	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O
35830894006	DBV 3	EPA 6010	KC2	7	PASI-O
		EPA 7471	JNK	1	PASI-O
		EPA 8270	WWW	74	PASI-O
		EPA 8260	AST	55	PASI-O
		ASTM D2974-87	SB	1	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBC 1 Lab ID: 35830894001 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 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
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.33 U	mg/kg	0.67	0.33	1	10/11/23 08:22	10/11/23 20:34	7440-38-2	
Barium	5.2	mg/kg	0.67	0.11	1	10/11/23 08:22	10/11/23 20:34	7440-39-3	J(M1), J(R1)
Cadmium	0.076	mg/kg	0.067	0.033	1	10/11/23 08:22	10/11/23 20:34	7440-43-9	
Chromium	3.3	mg/kg	0.33	0.17	1	10/11/23 08:22	10/11/23 20:34	7440-47-3	J(M1)
Lead	1.4	mg/kg	0.67	0.33	1	10/11/23 08:22	10/11/23 20:34	7439-92-1	
Selenium	0.50 U	mg/kg	1.0	0.50	1	10/11/23 08:22	10/11/23 20:34	7782-49-2	
Silver	0.074 U	mg/kg	0.33	0.074	1	10/11/23 08:22	10/11/23 20:34	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0074 I	mg/kg	0.0099	0.0049	1	10/10/23 09:31	10/11/23 10:12	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.017 U	mg/kg	0.039	0.017	1	10/04/23 09:57	10/16/23 22:41	83-32-9	
Acenaphthylene	0.0057 U	mg/kg	0.037	0.0057	1	10/04/23 09:57	10/16/23 22:41	208-96-8	
Aniline	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/16/23 22:41	62-53-3	
Anthracene	0.0049 U	mg/kg	0.039	0.0049	1	10/04/23 09:57	10/16/23 22:41	120-12-7	
Benzo(a)anthracene	0.0048 U	mg/kg	0.037	0.0048	1	10/04/23 09:57	10/16/23 22:41	56-55-3	
Benzo(a)pyrene	0.0090 U	mg/kg	0.037	0.0090	1	10/04/23 09:57	10/16/23 22:41	50-32-8	
Benzo(b)fluoranthene	0.0097 U	mg/kg	0.037	0.0097	1	10/04/23 09:57	10/16/23 22:41	205-99-2	
Benzo(g,h,i)perylene	0.0091 U	mg/kg	0.037	0.0091	1	10/04/23 09:57	10/16/23 22:41	191-24-2	
Benzo(k)fluoranthene	0.0097 U	mg/kg	0.037	0.0097	1	10/04/23 09:57	10/16/23 22:41	207-08-9	
Benzyl alcohol	0.038 U	mg/kg	0.18	0.038	1	10/04/23 09:57	10/16/23 22:41	100-51-6	
4-Bromophenylphenyl ether	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/16/23 22:41	101-55-3	
Butylbenzylphthalate	0.037 U	mg/kg	0.18	0.037	1	10/04/23 09:57	10/16/23 22:41	85-68-7	
4-Chloro-3-methylphenol	0.11 U	mg/kg	0.72	0.11	1	10/04/23 09:57	10/16/23 22:41	59-50-7	
4-Chloroaniline	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/16/23 22:41	106-47-8	
bis(2-Chloroethoxy)methane	0.026 U	mg/kg	0.18	0.026	1	10/04/23 09:57	10/16/23 22:41	111-91-1	
bis(2-Chloroethyl) ether	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/16/23 22:41	111-44-4	
bis(2-Chloroisopropyl) ether	0.037 U	mg/kg	0.18	0.037	1	10/04/23 09:57	10/16/23 22:41	108-60-1	
2-Chloronaphthalene	0.0086 U	mg/kg	0.18	0.0086	1	10/04/23 09:57	10/16/23 22:41	91-58-7	
2-Chlorophenol	0.029 U	mg/kg	0.18	0.029	1	10/04/23 09:57	10/16/23 22:41	95-57-8	
4-Chlorophenylphenyl ether	0.026 U	mg/kg	0.18	0.026	1	10/04/23 09:57	10/16/23 22:41	7005-72-3	
Chrysene	0.0048 U	mg/kg	0.037	0.0048	1	10/04/23 09:57	10/16/23 22:41	218-01-9	
Dibenz(a,h)anthracene	0.0084 U	mg/kg	0.037	0.0084	1	10/04/23 09:57	10/16/23 22:41	53-70-3	
Dibenzofuran	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/16/23 22:41	132-64-9	
1,2-Dichlorobenzene	0.026 U	mg/kg	0.18	0.026	1	10/04/23 09:57	10/16/23 22:41	95-50-1	
1,3-Dichlorobenzene	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/16/23 22:41	541-73-1	
1,4-Dichlorobenzene	0.026 U	mg/kg	0.18	0.026	1	10/04/23 09:57	10/16/23 22:41	106-46-7	
3,3'-Dichlorobenzidine	0.035 U	mg/kg	0.72	0.035	1	10/04/23 09:57	10/16/23 22:41	91-94-1	
2,4-Dichlorophenol	0.0081 U	mg/kg	0.18	0.0081	1	10/04/23 09:57	10/16/23 22:41	120-83-2	
Diethylphthalate	0.061 U	mg/kg	0.18	0.061	1	10/04/23 09:57	10/16/23 22:41	84-66-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBC 1 Lab ID: 35830894001 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
2,4-Dimethylphenol	0.032 U	mg/kg	0.18	0.032	1	10/04/23 09:57	10/16/23 22:41	105-67-9	
Dimethylphthalate	0.029 U	mg/kg	0.18	0.029	1	10/04/23 09:57	10/16/23 22:41	131-11-3	
Di-n-butylphthalate	0.14 U	mg/kg	0.18	0.14	1	10/04/23 09:57	10/16/23 22:41	84-74-2	
4,6-Dinitro-2-methylphenol	0.24 U	mg/kg	0.72	0.24	1	10/04/23 09:57	10/16/23 22:41	534-52-1	
2,4-Dinitrophenol	0.11 U	mg/kg	0.72	0.11	1	10/04/23 09:57	10/16/23 22:41	51-28-5	J(v2)
2,4-Dinitrotoluene	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/16/23 22:41	121-14-2	
2,6-Dinitrotoluene	0.0088 U	mg/kg	0.18	0.0088	1	10/04/23 09:57	10/16/23 22:41	606-20-2	
Di-n-octylphthalate	0.044 U	mg/kg	0.18	0.044	1	10/04/23 09:57	10/16/23 22:41	117-84-0	
1,2-Diphenylhydrazine	0.040 U	mg/kg	0.18	0.040	1	10/04/23 09:57	10/16/23 22:41	122-66-7	
bis(2-Ethylhexyl)phthalate	0.038 U	mg/kg	0.18	0.038	1	10/04/23 09:57	10/16/23 22:41	117-81-7	
Fluoranthene	0.012 U	mg/kg	0.037	0.012	1	10/04/23 09:57	10/16/23 22:41	206-44-0	
Fluorene	0.013 U	mg/kg	0.040	0.013	1	10/04/23 09:57	10/16/23 22:41	86-73-7	
Hexachloro-1,3-butadiene	0.013 U	mg/kg	0.18	0.013	1	10/04/23 09:57	10/16/23 22:41	87-68-3	
Hexachlorobenzene	0.0071 U	mg/kg	0.18	0.0071	1	10/04/23 09:57	10/16/23 22:41	118-74-1	
Hexachlorocyclopentadiene	0.13 U	mg/kg	0.72	0.13	1	10/04/23 09:57	10/16/23 22:41	77-47-4	
Hexachloroethane	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/16/23 22:41	67-72-1	
Indeno(1,2,3-cd)pyrene	0.0083 U	mg/kg	0.037	0.0083	1	10/04/23 09:57	10/16/23 22:41	193-39-5	
Isophorone	0.031 U	mg/kg	0.18	0.031	1	10/04/23 09:57	10/16/23 22:41	78-59-1	
1-Methylnaphthalene	0.0060 U	mg/kg	0.043	0.0060	1	10/04/23 09:57	10/16/23 22:41	90-12-0	
2-Methylnaphthalene	0.0057 U	mg/kg	0.042	0.0057	1	10/04/23 09:57	10/16/23 22:41	91-57-6	
2-Methylphenol(o-Cresol)	0.0087 U	mg/kg	0.18	0.0087	1	10/04/23 09:57	10/16/23 22:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.0083 U	mg/kg	0.18	0.0083	1	10/04/23 09:57	10/16/23 22:41		
Naphthalene	0.013 U	mg/kg	0.038	0.013	1	10/04/23 09:57	10/16/23 22:41	91-20-3	
2-Nitroaniline	0.045 U	mg/kg	0.18	0.045	1	10/04/23 09:57	10/16/23 22:41	88-74-4	
3-Nitroaniline	0.040 U	mg/kg	0.18	0.040	1	10/04/23 09:57	10/16/23 22:41	99-09-2	
4-Nitroaniline	0.0091 U	mg/kg	0.18	0.0091	1	10/04/23 09:57	10/16/23 22:41	100-01-6	
Nitrobenzene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/16/23 22:41	98-95-3	
2-Nitrophenol	0.058 U	mg/kg	0.18	0.058	1	10/04/23 09:57	10/16/23 22:41	88-75-5	
4-Nitrophenol	0.078 U	mg/kg	0.23	0.078	1	10/04/23 09:57	10/16/23 22:41	100-02-7	
N-Nitrosodimethylamine	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/16/23 22:41	62-75-9	
N-Nitroso-di-n-propylamine	0.0071 U	mg/kg	0.18	0.0071	1	10/04/23 09:57	10/16/23 22:41	621-64-7	
N-Nitrosodiphenylamine	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/16/23 22:41	86-30-6	
Pentachlorophenol	0.093 U	mg/kg	0.72	0.093	1	10/04/23 09:57	10/16/23 22:41	87-86-5	
Phenanthrene	0.0052 U	mg/kg	0.037	0.0052	1	10/04/23 09:57	10/16/23 22:41	85-01-8	
Phenol	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/16/23 22:41	108-95-2	
Pyrene	0.011 U	mg/kg	0.037	0.011	1	10/04/23 09:57	10/16/23 22:41	129-00-0	
1,2,4-Trichlorobenzene	0.026 U	mg/kg	0.18	0.026	1	10/04/23 09:57	10/16/23 22:41	120-82-1	
2,4,5-Trichlorophenol	0.0072 U	mg/kg	0.18	0.0072	1	10/04/23 09:57	10/16/23 22:41	95-95-4	
2,4,6-Trichlorophenol	0.0099 U	mg/kg	0.18	0.0099	1	10/04/23 09:57	10/16/23 22:41	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	24-98		1	10/04/23 09:57	10/16/23 22:41	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-101		1	10/04/23 09:57	10/16/23 22:41	321-60-8	
p-Terphenyl-d14 (S)	75	%	29-112		1	10/04/23 09:57	10/16/23 22:41	1718-51-0	
Phenol-d6 (S)	61	%	10-104		1	10/04/23 09:57	10/16/23 22:41	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 1 Lab ID: 35830894001 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2-Fluorophenol (S)	61	%	19-95		1	10/04/23 09:57	10/16/23 22:41	367-12-4	
2,4,6-Tribromophenol (S)	68	%	23-110		1	10/04/23 09:57	10/16/23 22:41	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.012 U	mg/kg	0.027	0.012	1	10/03/23 19:03	10/04/23 03:53	67-64-1	
Acetonitrile	0.0079 U	mg/kg	0.027	0.0079	1	10/03/23 19:03	10/04/23 03:53	75-05-8	J(v2)
Benzene	0.00054 U	mg/kg	0.0027	0.00054	1	10/03/23 19:03	10/04/23 03:53	71-43-2	
Bromochloromethane	0.00040 U	mg/kg	0.0027	0.00040	1	10/03/23 19:03	10/04/23 03:53	74-97-5	
Bromodichloromethane	0.00059 U	mg/kg	0.0027	0.00059	1	10/03/23 19:03	10/04/23 03:53	75-27-4	
Bromoform	0.00059 U	mg/kg	0.0027	0.00059	1	10/03/23 19:03	10/04/23 03:53	75-25-2	
Bromomethane	0.00096 U	mg/kg	0.0027	0.00096	1	10/03/23 19:03	10/04/23 03:53	74-83-9	
2-Butanone (MEK)	0.0027 U	mg/kg	0.027	0.0027	1	10/03/23 19:03	10/04/23 03:53	78-93-3	
Carbon disulfide	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 03:53	75-15-0	J(v2)
Carbon tetrachloride	0.00064 U	mg/kg	0.0027	0.00064	1	10/03/23 19:03	10/04/23 03:53	56-23-5	
Chlorobenzene	0.00050 U	mg/kg	0.0027	0.00050	1	10/03/23 19:03	10/04/23 03:53	108-90-7	
Chloroethane	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 03:53	75-00-3	
Chloroform	0.00098 U	mg/kg	0.0027	0.00098	1	10/03/23 19:03	10/04/23 03:53	67-66-3	
Chloromethane	0.0010 U	mg/kg	0.0027	0.0010	1	10/03/23 19:03	10/04/23 03:53	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	0.00064 U	mg/kg	0.0027	0.00064	1	10/03/23 19:03	10/04/23 03:53	96-12-8	
Dibromochloromethane	0.00047 U	mg/kg	0.0027	0.00047	1	10/03/23 19:03	10/04/23 03:53	124-48-1	
1,2-Dibromoethane (EDB)	0.00040 U	mg/kg	0.0027	0.00040	1	10/03/23 19:03	10/04/23 03:53	106-93-4	
Dibromomethane	0.00038 U	mg/kg	0.0027	0.00038	1	10/03/23 19:03	10/04/23 03:53	74-95-3	
1,2-Dichlorobenzene	0.00041 U	mg/kg	0.0027	0.00041	1	10/03/23 19:03	10/04/23 03:53	95-50-1	
1,4-Dichlorobenzene	0.00036 U	mg/kg	0.0027	0.00036	1	10/03/23 19:03	10/04/23 03:53	106-46-7	
trans-1,4-Dichloro-2-butene	0.00064 U	mg/kg	0.0027	0.00064	1	10/03/23 19:03	10/04/23 03:53	110-57-6	
1,1-Dichloroethane	0.00052 U	mg/kg	0.0027	0.00052	1	10/03/23 19:03	10/04/23 03:53	75-34-3	
1,2-Dichloroethane	0.00041 U	mg/kg	0.0027	0.00041	1	10/03/23 19:03	10/04/23 03:53	107-06-2	
1,2-Dichloroethene (Total)	0.0016 U	mg/kg	0.0027	0.0016	1	10/03/23 19:03	10/04/23 03:53	540-59-0	
1,1-Dichloroethene	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 03:53	75-35-4	
cis-1,2-Dichloroethene	0.00059 U	mg/kg	0.0027	0.00059	1	10/03/23 19:03	10/04/23 03:53	156-59-2	
trans-1,2-Dichloroethene	0.00070 U	mg/kg	0.0027	0.00070	1	10/03/23 19:03	10/04/23 03:53	156-60-5	
1,2-Dichloropropane	0.00049 U	mg/kg	0.0027	0.00049	1	10/03/23 19:03	10/04/23 03:53	78-87-5	J(v2)
cis-1,3-Dichloropropene	0.00054 U	mg/kg	0.0027	0.00054	1	10/03/23 19:03	10/04/23 03:53	10061-01-5	
trans-1,3-Dichloropropene	0.00053 U	mg/kg	0.0027	0.00053	1	10/03/23 19:03	10/04/23 03:53	10061-02-6	
Ethylbenzene	0.00064 U	mg/kg	0.0027	0.00064	1	10/03/23 19:03	10/04/23 03:53	100-41-4	
2-Hexanone	0.0027 U	mg/kg	0.013	0.0027	1	10/03/23 19:03	10/04/23 03:53	591-78-6	
Iodomethane	0.00059 U	mg/kg	0.0054	0.00059	1	10/03/23 19:03	10/04/23 03:53	74-88-4	
Isopropylbenzene (Cumene)	0.00070 U	mg/kg	0.0027	0.00070	1	10/03/23 19:03	10/04/23 03:53	98-82-8	
Methylene Chloride	0.0024 U	mg/kg	0.0027	0.0024	1	10/03/23 19:03	10/04/23 03:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0027 U	mg/kg	0.013	0.0027	1	10/03/23 19:03	10/04/23 03:53	108-10-1	
Methyl-tert-butyl ether	0.00080 U	mg/kg	0.0027	0.00080	1	10/03/23 19:03	10/04/23 03:53	1634-04-4	
Styrene	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 03:53	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBC 1 Lab ID: 35830894001 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,1,2-Tetrachloroethane	0.00054 U	mg/kg	0.0027	0.00054	1	10/03/23 19:03	10/04/23 03:53	630-20-6	
1,1,2,2-Tetrachloroethane	0.00033 U	mg/kg	0.0027	0.00033	1	10/03/23 19:03	10/04/23 03:53	79-34-5	
Tetrachloroethene	0.00064 U	mg/kg	0.0027	0.00064	1	10/03/23 19:03	10/04/23 03:53	127-18-4	
Toluene	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 03:53	108-88-3	
1,1,1-Trichloroethane	0.00070 U	mg/kg	0.0027	0.00070	1	10/03/23 19:03	10/04/23 03:53	71-55-6	
1,1,2-Trichloroethane	0.00032 U	mg/kg	0.0027	0.00032	1	10/03/23 19:03	10/04/23 03:53	79-00-5	
Trichloroethene	0.00064 U	mg/kg	0.0027	0.00064	1	10/03/23 19:03	10/04/23 03:53	79-01-6	
Trichlorofluoromethane	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 03:53	75-69-4	
1,2,3-Trichloropropane	0.00080 U	mg/kg	0.0027	0.00080	1	10/03/23 19:03	10/04/23 03:53	96-18-4	
Vinyl acetate	0.00086 U	mg/kg	0.0027	0.00086	1	10/03/23 19:03	10/04/23 03:53	108-05-4	
Vinyl chloride	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 03:53	75-01-4	J(v2)
Xylene (Total)	0.0028 U	mg/kg	0.0080	0.0028	1	10/03/23 19:03	10/04/23 03:53	1330-20-7	
m&p-Xylene	0.0028 U	mg/kg	0.0054	0.0028	1	10/03/23 19:03	10/04/23 03:53	179601-23-1	
o-Xylene	0.00051 U	mg/kg	0.0027	0.00051	1	10/03/23 19:03	10/04/23 03:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	68-125		1	10/03/23 19:03	10/04/23 03:53	460-00-4	
Toluene-d8 (S)	116	%	70-130		1	10/03/23 19:03	10/04/23 03:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	10/03/23 19:03	10/04/23 03:53	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Ormond Beach

Percent Moisture	7.4	%	0.10	0.10	1		10/12/23 07:55		
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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 2 Lab ID: 35830894002 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 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
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.34 U	mg/kg	0.67	0.34	1	10/11/23 08:22	10/11/23 20:49	7440-38-2	
Barium	23.6	mg/kg	0.67	0.11	1	10/11/23 08:22	10/11/23 20:49	7440-39-3	
Cadmium	0.14	mg/kg	0.067	0.034	1	10/11/23 08:22	10/11/23 20:49	7440-43-9	
Chromium	6.8	mg/kg	0.34	0.17	1	10/11/23 08:22	10/11/23 20:49	7440-47-3	
Lead	3.2	mg/kg	0.67	0.34	1	10/11/23 08:22	10/11/23 20:49	7439-92-1	
Selenium	0.50 U	mg/kg	1.0	0.50	1	10/11/23 08:22	10/11/23 20:49	7782-49-2	
Silver	0.074 U	mg/kg	0.34	0.074	1	10/11/23 08:22	10/11/23 20:49	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.012	mg/kg	0.011	0.0053	1	10/10/23 09:31	10/11/23 10:23	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.018 U	mg/kg	0.040	0.018	1	10/04/23 09:57	10/16/23 23:06	83-32-9	
Acenaphthylene	0.0058 U	mg/kg	0.037	0.0058	1	10/04/23 09:57	10/16/23 23:06	208-96-8	
Aniline	0.036 U	mg/kg	0.19	0.036	1	10/04/23 09:57	10/16/23 23:06	62-53-3	
Anthracene	0.0051 U	mg/kg	0.040	0.0051	1	10/04/23 09:57	10/16/23 23:06	120-12-7	
Benzo(a)anthracene	0.0050 U	mg/kg	0.037	0.0050	1	10/04/23 09:57	10/16/23 23:06	56-55-3	
Benzo(a)pyrene	0.0093 U	mg/kg	0.037	0.0093	1	10/04/23 09:57	10/16/23 23:06	50-32-8	
Benzo(b)fluoranthene	0.0099 U	mg/kg	0.037	0.0099	1	10/04/23 09:57	10/16/23 23:06	205-99-2	
Benzo(g,h,i)perylene	0.0094 U	mg/kg	0.037	0.0094	1	10/04/23 09:57	10/16/23 23:06	191-24-2	
Benzo(k)fluoranthene	0.0099 U	mg/kg	0.037	0.0099	1	10/04/23 09:57	10/16/23 23:06	207-08-9	
Benzyl alcohol	0.039 U	mg/kg	0.19	0.039	1	10/04/23 09:57	10/16/23 23:06	100-51-6	
4-Bromophenylphenyl ether	0.035 U	mg/kg	0.19	0.035	1	10/04/23 09:57	10/16/23 23:06	101-55-3	
Butylbenzylphthalate	0.037 U	mg/kg	0.19	0.037	1	10/04/23 09:57	10/16/23 23:06	85-68-7	
4-Chloro-3-methylphenol	0.11 U	mg/kg	0.74	0.11	1	10/04/23 09:57	10/16/23 23:06	59-50-7	
4-Chloroaniline	0.029 U	mg/kg	0.19	0.029	1	10/04/23 09:57	10/16/23 23:06	106-47-8	
bis(2-Chloroethoxy)methane	0.026 U	mg/kg	0.19	0.026	1	10/04/23 09:57	10/16/23 23:06	111-91-1	
bis(2-Chloroethyl) ether	0.012 U	mg/kg	0.19	0.012	1	10/04/23 09:57	10/16/23 23:06	111-44-4	
bis(2-Chloroisopropyl) ether	0.037 U	mg/kg	0.19	0.037	1	10/04/23 09:57	10/16/23 23:06	108-60-1	
2-Chloronaphthalene	0.0088 U	mg/kg	0.19	0.0088	1	10/04/23 09:57	10/16/23 23:06	91-58-7	
2-Chlorophenol	0.030 U	mg/kg	0.19	0.030	1	10/04/23 09:57	10/16/23 23:06	95-57-8	
4-Chlorophenylphenyl ether	0.026 U	mg/kg	0.19	0.026	1	10/04/23 09:57	10/16/23 23:06	7005-72-3	
Chrysene	0.0050 U	mg/kg	0.037	0.0050	1	10/04/23 09:57	10/16/23 23:06	218-01-9	
Dibenz(a,h)anthracene	0.0086 U	mg/kg	0.037	0.0086	1	10/04/23 09:57	10/16/23 23:06	53-70-3	
Dibenzofuran	0.025 U	mg/kg	0.19	0.025	1	10/04/23 09:57	10/16/23 23:06	132-64-9	
1,2-Dichlorobenzene	0.026 U	mg/kg	0.19	0.026	1	10/04/23 09:57	10/16/23 23:06	95-50-1	
1,3-Dichlorobenzene	0.036 U	mg/kg	0.19	0.036	1	10/04/23 09:57	10/16/23 23:06	541-73-1	
1,4-Dichlorobenzene	0.026 U	mg/kg	0.19	0.026	1	10/04/23 09:57	10/16/23 23:06	106-46-7	
3,3'-Dichlorobenzidine	0.036 U	mg/kg	0.74	0.036	1	10/04/23 09:57	10/16/23 23:06	91-94-1	
2,4-Dichlorophenol	0.0083 U	mg/kg	0.19	0.0083	1	10/04/23 09:57	10/16/23 23:06	120-83-2	
Diethylphthalate	0.063 U	mg/kg	0.19	0.063	1	10/04/23 09:57	10/16/23 23:06	84-66-2	
2,4-Dimethylphenol	0.033 U	mg/kg	0.19	0.033	1	10/04/23 09:57	10/16/23 23:06	105-67-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 2 Lab ID: 35830894002 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Dimethylphthalate	0.030 U	mg/kg	0.19	0.030	1	10/04/23 09:57	10/16/23 23:06	131-11-3	
Di-n-butylphthalate	0.15 U	mg/kg	0.19	0.15	1	10/04/23 09:57	10/16/23 23:06	84-74-2	
4,6-Dinitro-2-methylphenol	0.24 U	mg/kg	0.74	0.24	1	10/04/23 09:57	10/16/23 23:06	534-52-1	
2,4-Dinitrophenol	0.11 U	mg/kg	0.74	0.11	1	10/04/23 09:57	10/16/23 23:06	51-28-5	J(v2)
2,4-Dinitrotoluene	0.025 U	mg/kg	0.19	0.025	1	10/04/23 09:57	10/16/23 23:06	121-14-2	
2,6-Dinitrotoluene	0.0090 U	mg/kg	0.19	0.0090	1	10/04/23 09:57	10/16/23 23:06	606-20-2	
Di-n-octylphthalate	0.045 U	mg/kg	0.19	0.045	1	10/04/23 09:57	10/16/23 23:06	117-84-0	
1,2-Diphenylhydrazine	0.041 U	mg/kg	0.19	0.041	1	10/04/23 09:57	10/16/23 23:06	122-66-7	
bis(2-Ethylhexyl)phthalate	0.039 U	mg/kg	0.19	0.039	1	10/04/23 09:57	10/16/23 23:06	117-81-7	
Fluoranthene	0.012 U	mg/kg	0.037	0.012	1	10/04/23 09:57	10/16/23 23:06	206-44-0	
Fluorene	0.013 U	mg/kg	0.041	0.013	1	10/04/23 09:57	10/16/23 23:06	86-73-7	
Hexachloro-1,3-butadiene	0.013 U	mg/kg	0.19	0.013	1	10/04/23 09:57	10/16/23 23:06	87-68-3	
Hexachlorobenzene	0.0073 U	mg/kg	0.19	0.0073	1	10/04/23 09:57	10/16/23 23:06	118-74-1	
Hexachlorocyclopentadiene	0.14 U	mg/kg	0.74	0.14	1	10/04/23 09:57	10/16/23 23:06	77-47-4	
Hexachloroethane	0.029 U	mg/kg	0.19	0.029	1	10/04/23 09:57	10/16/23 23:06	67-72-1	
Indeno(1,2,3-cd)pyrene	0.0085 U	mg/kg	0.037	0.0085	1	10/04/23 09:57	10/16/23 23:06	193-39-5	
Isophorone	0.032 U	mg/kg	0.19	0.032	1	10/04/23 09:57	10/16/23 23:06	78-59-1	
1-Methylnaphthalene	0.0062 U	mg/kg	0.044	0.0062	1	10/04/23 09:57	10/16/23 23:06	90-12-0	
2-Methylnaphthalene	0.0058 U	mg/kg	0.043	0.0058	1	10/04/23 09:57	10/16/23 23:06	91-57-6	
2-Methylphenol(o-Cresol)	0.0089 U	mg/kg	0.19	0.0089	1	10/04/23 09:57	10/16/23 23:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.0085 U	mg/kg	0.19	0.0085	1	10/04/23 09:57	10/16/23 23:06		
Naphthalene	0.013 U	mg/kg	0.039	0.013	1	10/04/23 09:57	10/16/23 23:06	91-20-3	
2-Nitroaniline	0.046 U	mg/kg	0.19	0.046	1	10/04/23 09:57	10/16/23 23:06	88-74-4	
3-Nitroaniline	0.041 U	mg/kg	0.19	0.041	1	10/04/23 09:57	10/16/23 23:06	99-09-2	
4-Nitroaniline	0.0094 U	mg/kg	0.19	0.0094	1	10/04/23 09:57	10/16/23 23:06	100-01-6	
Nitrobenzene	0.012 U	mg/kg	0.19	0.012	1	10/04/23 09:57	10/16/23 23:06	98-95-3	
2-Nitrophenol	0.060 U	mg/kg	0.19	0.060	1	10/04/23 09:57	10/16/23 23:06	88-75-5	
4-Nitrophenol	0.081 U	mg/kg	0.24	0.081	1	10/04/23 09:57	10/16/23 23:06	100-02-7	
N-Nitrosodimethylamine	0.012 U	mg/kg	0.19	0.012	1	10/04/23 09:57	10/16/23 23:06	62-75-9	
N-Nitroso-di-n-propylamine	0.0073 U	mg/kg	0.19	0.0073	1	10/04/23 09:57	10/16/23 23:06	621-64-7	
N-Nitrosodiphenylamine	0.024 U	mg/kg	0.19	0.024	1	10/04/23 09:57	10/16/23 23:06	86-30-6	
Pentachlorophenol	0.096 U	mg/kg	0.74	0.096	1	10/04/23 09:57	10/16/23 23:06	87-86-5	
Phenanthrene	0.0053 U	mg/kg	0.037	0.0053	1	10/04/23 09:57	10/16/23 23:06	85-01-8	
Phenol	0.035 U	mg/kg	0.19	0.035	1	10/04/23 09:57	10/16/23 23:06	108-95-2	
Pyrene	0.011 U	mg/kg	0.037	0.011	1	10/04/23 09:57	10/16/23 23:06	129-00-0	
1,2,4-Trichlorobenzene	0.026 U	mg/kg	0.19	0.026	1	10/04/23 09:57	10/16/23 23:06	120-82-1	
2,4,5-Trichlorophenol	0.0074 U	mg/kg	0.19	0.0074	1	10/04/23 09:57	10/16/23 23:06	95-95-4	
2,4,6-Trichlorophenol	0.010 U	mg/kg	0.19	0.010	1	10/04/23 09:57	10/16/23 23:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	24-98		1	10/04/23 09:57	10/16/23 23:06	4165-60-0	
2-Fluorobiphenyl (S)	56	%	29-101		1	10/04/23 09:57	10/16/23 23:06	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	10/04/23 09:57	10/16/23 23:06	1718-51-0	
Phenol-d6 (S)	51	%	10-104		1	10/04/23 09:57	10/16/23 23:06	13127-88-3	
2-Fluorophenol (S)	51	%	19-95		1	10/04/23 09:57	10/16/23 23:06	367-12-4	

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 2 Lab ID: 35830894002 Collected: 09/28/23 11:45 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	72	%	23-110		1	10/04/23 09:57	10/16/23 23:06	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.015 U	mg/kg	0.035	0.015	1	10/03/23 19:03	10/04/23 04:40	67-64-1	
Acetonitrile	0.010 U	mg/kg	0.035	0.010	1	10/03/23 19:03	10/04/23 04:40	75-05-8	J(v2)
Benzene	0.00070 U	mg/kg	0.0035	0.00070	1	10/03/23 19:03	10/04/23 04:40	71-43-2	
Bromochloromethane	0.00052 U	mg/kg	0.0035	0.00052	1	10/03/23 19:03	10/04/23 04:40	74-97-5	J(M1)
Bromodichloromethane	0.00077 U	mg/kg	0.0035	0.00077	1	10/03/23 19:03	10/04/23 04:40	75-27-4	
Bromoform	0.00077 U	mg/kg	0.0035	0.00077	1	10/03/23 19:03	10/04/23 04:40	75-25-2	
Bromomethane	0.0013 U	mg/kg	0.0035	0.0013	1	10/03/23 19:03	10/04/23 04:40	74-83-9	
2-Butanone (MEK)	0.0035 U	mg/kg	0.035	0.0035	1	10/03/23 19:03	10/04/23 04:40	78-93-3	
Carbon disulfide	0.0018 U	mg/kg	0.0035	0.0018	1	10/03/23 19:03	10/04/23 04:40	75-15-0	J(v2)
Carbon tetrachloride	0.00084 U	mg/kg	0.0035	0.00084	1	10/03/23 19:03	10/04/23 04:40	56-23-5	J(M1)
Chlorobenzene	0.00065 U	mg/kg	0.0035	0.00065	1	10/03/23 19:03	10/04/23 04:40	108-90-7	
Chloroethane	0.0015 U	mg/kg	0.0035	0.0015	1	10/03/23 19:03	10/04/23 04:40	75-00-3	
Chloroform	0.0013 U	mg/kg	0.0035	0.0013	1	10/03/23 19:03	10/04/23 04:40	67-66-3	
Chloromethane	0.0014 U	mg/kg	0.0035	0.0014	1	10/03/23 19:03	10/04/23 04:40	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	0.00084 U	mg/kg	0.0035	0.00084	1	10/03/23 19:03	10/04/23 04:40	96-12-8	
Dibromochloromethane	0.00061 U	mg/kg	0.0035	0.00061	1	10/03/23 19:03	10/04/23 04:40	124-48-1	
1,2-Dibromoethane (EDB)	0.00052 U	mg/kg	0.0035	0.00052	1	10/03/23 19:03	10/04/23 04:40	106-93-4	
Dibromomethane	0.00050 U	mg/kg	0.0035	0.00050	1	10/03/23 19:03	10/04/23 04:40	74-95-3	
1,2-Dichlorobenzene	0.00053 U	mg/kg	0.0035	0.00053	1	10/03/23 19:03	10/04/23 04:40	95-50-1	J(M1)
1,4-Dichlorobenzene	0.00047 U	mg/kg	0.0035	0.00047	1	10/03/23 19:03	10/04/23 04:40	106-46-7	J(M1)
trans-1,4-Dichloro-2-butene	0.00084 U	mg/kg	0.0035	0.00084	1	10/03/23 19:03	10/04/23 04:40	110-57-6	J(M1)
1,1-Dichloroethane	0.00069 U	mg/kg	0.0035	0.00069	1	10/03/23 19:03	10/04/23 04:40	75-34-3	
1,2-Dichloroethane	0.00054 U	mg/kg	0.0035	0.00054	1	10/03/23 19:03	10/04/23 04:40	107-06-2	
1,2-Dichloroethene (Total)	0.0021 U	mg/kg	0.0035	0.0021	1	10/03/23 19:03	10/04/23 04:40	540-59-0	
1,1-Dichloroethene	0.0018 U	mg/kg	0.0035	0.0018	1	10/03/23 19:03	10/04/23 04:40	75-35-4	
cis-1,2-Dichloroethene	0.00077 U	mg/kg	0.0035	0.00077	1	10/03/23 19:03	10/04/23 04:40	156-59-2	
trans-1,2-Dichloroethene	0.00091 U	mg/kg	0.0035	0.00091	1	10/03/23 19:03	10/04/23 04:40	156-60-5	
1,2-Dichloropropane	0.00065 U	mg/kg	0.0035	0.00065	1	10/03/23 19:03	10/04/23 04:40	78-87-5	J(v2)
cis-1,3-Dichloropropene	0.00070 U	mg/kg	0.0035	0.00070	1	10/03/23 19:03	10/04/23 04:40	10061-01-5	
trans-1,3-Dichloropropene	0.00070 U	mg/kg	0.0035	0.00070	1	10/03/23 19:03	10/04/23 04:40	10061-02-6	
Ethylbenzene	0.00084 U	mg/kg	0.0035	0.00084	1	10/03/23 19:03	10/04/23 04:40	100-41-4	
2-Hexanone	0.0035 U	mg/kg	0.018	0.0035	1	10/03/23 19:03	10/04/23 04:40	591-78-6	
Iodomethane	0.00077 U	mg/kg	0.0070	0.00077	1	10/03/23 19:03	10/04/23 04:40	74-88-4	
Isopropylbenzene (Cumene)	0.00091 U	mg/kg	0.0035	0.00091	1	10/03/23 19:03	10/04/23 04:40	98-82-8	
Methylene Chloride	0.0031 U	mg/kg	0.0035	0.0031	1	10/03/23 19:03	10/04/23 04:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0035 U	mg/kg	0.018	0.0035	1	10/03/23 19:03	10/04/23 04:40	108-10-1	
Methyl-tert-butyl ether	0.0011 U	mg/kg	0.0035	0.0011	1	10/03/23 19:03	10/04/23 04:40	1634-04-4	J(M1)
Styrene	0.0018 U	mg/kg	0.0035	0.0018	1	10/03/23 19:03	10/04/23 04:40	100-42-5	
1,1,1,2-Tetrachloroethane	0.00070 U	mg/kg	0.0035	0.00070	1	10/03/23 19:03	10/04/23 04:40	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 2 **Lab ID: 35830894002** Collected: 09/28/23 11:45 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,2,2-Tetrachloroethane	0.00043 U	mg/kg	0.0035	0.00043	1	10/03/23 19:03	10/04/23 04:40	79-34-5	
Tetrachloroethene	0.00084 U	mg/kg	0.0035	0.00084	1	10/03/23 19:03	10/04/23 04:40	127-18-4	
Toluene	0.0014 U	mg/kg	0.0035	0.0014	1	10/03/23 19:03	10/04/23 04:40	108-88-3	
1,1,1-Trichloroethane	0.00091 U	mg/kg	0.0035	0.00091	1	10/03/23 19:03	10/04/23 04:40	71-55-6	J(M1)
1,1,2-Trichloroethane	0.00042 U	mg/kg	0.0035	0.00042	1	10/03/23 19:03	10/04/23 04:40	79-00-5	
Trichloroethene	0.00084 U	mg/kg	0.0035	0.00084	1	10/03/23 19:03	10/04/23 04:40	79-01-6	
Trichlorofluoromethane	0.0018 U	mg/kg	0.0035	0.0018	1	10/03/23 19:03	10/04/23 04:40	75-69-4	J(M1)
1,2,3-Trichloropropane	0.0011 U	mg/kg	0.0035	0.0011	1	10/03/23 19:03	10/04/23 04:40	96-18-4	
Vinyl acetate	0.0011 U	mg/kg	0.0035	0.0011	1	10/03/23 19:03	10/04/23 04:40	108-05-4	J(M1)
Vinyl chloride	0.0015 U	mg/kg	0.0035	0.0015	1	10/03/23 19:03	10/04/23 04:40	75-01-4	J(v2)
Xylene (Total)	0.0036 U	mg/kg	0.011	0.0036	1	10/03/23 19:03	10/04/23 04:40	1330-20-7	
m&p-Xylene	0.0036 U	mg/kg	0.0070	0.0036	1	10/03/23 19:03	10/04/23 04:40	179601-23-1	
o-Xylene	0.00068 U	mg/kg	0.0035	0.00068	1	10/03/23 19:03	10/04/23 04:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	68-125		1	10/03/23 19:03	10/04/23 04:40	460-00-4	
Toluene-d8 (S)	100	%	70-130		1	10/03/23 19:03	10/04/23 04:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	10/03/23 19:03	10/04/23 04:40	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
 Pace Analytical Services - Ormond Beach

Percent Moisture	9.7	%	0.10	0.10	1		10/12/23 07:55		
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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBC 3 Lab ID: 35830894003 Collected: 09/28/23 11:55 Received: 09/29/23 11:53 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
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	1.2	mg/kg	0.65	0.32	1	10/11/23 08:22	10/11/23 20:53	7440-38-2	
Barium	6.1	mg/kg	0.65	0.11	1	10/11/23 08:22	10/11/23 20:53	7440-39-3	
Cadmium	0.080	mg/kg	0.065	0.032	1	10/11/23 08:22	10/11/23 20:53	7440-43-9	
Chromium	8.2	mg/kg	0.32	0.16	1	10/11/23 08:22	10/11/23 20:53	7440-47-3	
Lead	1.9	mg/kg	0.65	0.32	1	10/11/23 08:22	10/11/23 20:53	7439-92-1	
Selenium	0.49 U	mg/kg	0.97	0.49	1	10/11/23 08:22	10/11/23 20:53	7782-49-2	
Silver	0.071 U	mg/kg	0.32	0.071	1	10/11/23 08:22	10/11/23 20:53	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.011	mg/kg	0.011	0.0054	1	10/10/23 09:31	10/11/23 10:25	7439-97-6	
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Acenaphthene	0.019 U	mg/kg	0.042	0.019	1	10/04/23 09:57	10/16/23 23:30	83-32-9	
Acenaphthylene	0.0061 U	mg/kg	0.039	0.0061	1	10/04/23 09:57	10/16/23 23:30	208-96-8	
Aniline	0.038 U	mg/kg	0.20	0.038	1	10/04/23 09:57	10/16/23 23:30	62-53-3	
Anthracene	0.0053 U	mg/kg	0.042	0.0053	1	10/04/23 09:57	10/16/23 23:30	120-12-7	
Benzo(a)anthracene	0.015 I	mg/kg	0.039	0.0052	1	10/04/23 09:57	10/16/23 23:30	56-55-3	
Benzo(a)pyrene	0.012 I	mg/kg	0.039	0.0097	1	10/04/23 09:57	10/16/23 23:30	50-32-8	
Benzo(b)fluoranthene	0.021 I	mg/kg	0.039	0.010	1	10/04/23 09:57	10/16/23 23:30	205-99-2	
Benzo(g,h,i)perylene	0.0099 U	mg/kg	0.039	0.0099	1	10/04/23 09:57	10/16/23 23:30	191-24-2	
Benzo(k)fluoranthene	0.010 U	mg/kg	0.039	0.010	1	10/04/23 09:57	10/16/23 23:30	207-08-9	
Benzyl alcohol	0.041 U	mg/kg	0.20	0.041	1	10/04/23 09:57	10/16/23 23:30	100-51-6	
4-Bromophenylphenyl ether	0.037 U	mg/kg	0.20	0.037	1	10/04/23 09:57	10/16/23 23:30	101-55-3	
Butylbenzylphthalate	0.039 U	mg/kg	0.20	0.039	1	10/04/23 09:57	10/16/23 23:30	85-68-7	
4-Chloro-3-methylphenol	0.12 U	mg/kg	0.78	0.12	1	10/04/23 09:57	10/16/23 23:30	59-50-7	
4-Chloroaniline	0.030 U	mg/kg	0.20	0.030	1	10/04/23 09:57	10/16/23 23:30	106-47-8	
bis(2-Chloroethoxy)methane	0.028 U	mg/kg	0.20	0.028	1	10/04/23 09:57	10/16/23 23:30	111-91-1	
bis(2-Chloroethyl) ether	0.013 U	mg/kg	0.20	0.013	1	10/04/23 09:57	10/16/23 23:30	111-44-4	
bis(2-Chloroisopropyl) ether	0.039 U	mg/kg	0.20	0.039	1	10/04/23 09:57	10/16/23 23:30	108-60-1	
2-Chloronaphthalene	0.0093 U	mg/kg	0.20	0.0093	1	10/04/23 09:57	10/16/23 23:30	91-58-7	
2-Chlorophenol	0.031 U	mg/kg	0.20	0.031	1	10/04/23 09:57	10/16/23 23:30	95-57-8	
4-Chlorophenylphenyl ether	0.028 U	mg/kg	0.20	0.028	1	10/04/23 09:57	10/16/23 23:30	7005-72-3	
Chrysene	0.013 I	mg/kg	0.039	0.0052	1	10/04/23 09:57	10/16/23 23:30	218-01-9	
Dibenz(a,h)anthracene	0.0090 U	mg/kg	0.039	0.0090	1	10/04/23 09:57	10/16/23 23:30	53-70-3	
Dibenzofuran	0.027 U	mg/kg	0.20	0.027	1	10/04/23 09:57	10/16/23 23:30	132-64-9	
1,2-Dichlorobenzene	0.028 U	mg/kg	0.20	0.028	1	10/04/23 09:57	10/16/23 23:30	95-50-1	
1,3-Dichlorobenzene	0.038 U	mg/kg	0.20	0.038	1	10/04/23 09:57	10/16/23 23:30	541-73-1	
1,4-Dichlorobenzene	0.028 U	mg/kg	0.20	0.028	1	10/04/23 09:57	10/16/23 23:30	106-46-7	
3,3'-Dichlorobenzidine	0.038 U	mg/kg	0.78	0.038	1	10/04/23 09:57	10/16/23 23:30	91-94-1	
2,4-Dichlorophenol	0.0087 U	mg/kg	0.20	0.0087	1	10/04/23 09:57	10/16/23 23:30	120-83-2	
Diethylphthalate	0.066 U	mg/kg	0.20	0.066	1	10/04/23 09:57	10/16/23 23:30	84-66-2	
2,4-Dimethylphenol	0.035 U	mg/kg	0.20	0.035	1	10/04/23 09:57	10/16/23 23:30	105-67-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 3 Lab ID: 35830894003 Collected: 09/28/23 11:55 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Dimethylphthalate	0.031 U	mg/kg	0.20	0.031	1	10/04/23 09:57	10/16/23 23:30	131-11-3	
Di-n-butylphthalate	0.15 U	mg/kg	0.20	0.15	1	10/04/23 09:57	10/16/23 23:30	84-74-2	
4,6-Dinitro-2-methylphenol	0.26 U	mg/kg	0.78	0.26	1	10/04/23 09:57	10/16/23 23:30	534-52-1	
2,4-Dinitrophenol	0.12 U	mg/kg	0.78	0.12	1	10/04/23 09:57	10/16/23 23:30	51-28-5	J(v2)
2,4-Dinitrotoluene	0.026 U	mg/kg	0.20	0.026	1	10/04/23 09:57	10/16/23 23:30	121-14-2	
2,6-Dinitrotoluene	0.0095 U	mg/kg	0.20	0.0095	1	10/04/23 09:57	10/16/23 23:30	606-20-2	
Di-n-octylphthalate	0.048 U	mg/kg	0.20	0.048	1	10/04/23 09:57	10/16/23 23:30	117-84-0	
1,2-Diphenylhydrazine	0.043 U	mg/kg	0.20	0.043	1	10/04/23 09:57	10/16/23 23:30	122-66-7	
bis(2-Ethylhexyl)phthalate	0.041 U	mg/kg	0.20	0.041	1	10/04/23 09:57	10/16/23 23:30	117-81-7	
Fluoranthene	0.022 I	mg/kg	0.039	0.013	1	10/04/23 09:57	10/16/23 23:30	206-44-0	
Fluorene	0.014 U	mg/kg	0.043	0.014	1	10/04/23 09:57	10/16/23 23:30	86-73-7	
Hexachloro-1,3-butadiene	0.014 U	mg/kg	0.20	0.014	1	10/04/23 09:57	10/16/23 23:30	87-68-3	
Hexachlorobenzene	0.0077 U	mg/kg	0.20	0.0077	1	10/04/23 09:57	10/16/23 23:30	118-74-1	
Hexachlorocyclopentadiene	0.14 U	mg/kg	0.78	0.14	1	10/04/23 09:57	10/16/23 23:30	77-47-4	
Hexachloroethane	0.030 U	mg/kg	0.20	0.030	1	10/04/23 09:57	10/16/23 23:30	67-72-1	
Indeno(1,2,3-cd)pyrene	0.0089 U	mg/kg	0.039	0.0089	1	10/04/23 09:57	10/16/23 23:30	193-39-5	
Isophorone	0.034 U	mg/kg	0.20	0.034	1	10/04/23 09:57	10/16/23 23:30	78-59-1	
1-Methylnaphthalene	0.0065 U	mg/kg	0.046	0.0065	1	10/04/23 09:57	10/16/23 23:30	90-12-0	
2-Methylnaphthalene	0.0061 U	mg/kg	0.045	0.0061	1	10/04/23 09:57	10/16/23 23:30	91-57-6	
2-Methylphenol(o-Cresol)	0.0094 U	mg/kg	0.20	0.0094	1	10/04/23 09:57	10/16/23 23:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.0089 U	mg/kg	0.20	0.0089	1	10/04/23 09:57	10/16/23 23:30		
Naphthalene	0.014 U	mg/kg	0.041	0.014	1	10/04/23 09:57	10/16/23 23:30	91-20-3	
2-Nitroaniline	0.049 U	mg/kg	0.20	0.049	1	10/04/23 09:57	10/16/23 23:30	88-74-4	
3-Nitroaniline	0.043 U	mg/kg	0.20	0.043	1	10/04/23 09:57	10/16/23 23:30	99-09-2	
4-Nitroaniline	0.0099 U	mg/kg	0.20	0.0099	1	10/04/23 09:57	10/16/23 23:30	100-01-6	
Nitrobenzene	0.013 U	mg/kg	0.20	0.013	1	10/04/23 09:57	10/16/23 23:30	98-95-3	
2-Nitrophenol	0.063 U	mg/kg	0.20	0.063	1	10/04/23 09:57	10/16/23 23:30	88-75-5	
4-Nitrophenol	0.085 U	mg/kg	0.25	0.085	1	10/04/23 09:57	10/16/23 23:30	100-02-7	
N-Nitrosodimethylamine	0.013 U	mg/kg	0.20	0.013	1	10/04/23 09:57	10/16/23 23:30	62-75-9	
N-Nitroso-di-n-propylamine	0.0077 U	mg/kg	0.20	0.0077	1	10/04/23 09:57	10/16/23 23:30	621-64-7	
N-Nitrosodiphenylamine	0.026 U	mg/kg	0.20	0.026	1	10/04/23 09:57	10/16/23 23:30	86-30-6	
Pentachlorophenol	0.10 U	mg/kg	0.78	0.10	1	10/04/23 09:57	10/16/23 23:30	87-86-5	
Phenanthrene	0.0068 I	mg/kg	0.039	0.0056	1	10/04/23 09:57	10/16/23 23:30	85-01-8	
Phenol	0.037 U	mg/kg	0.20	0.037	1	10/04/23 09:57	10/16/23 23:30	108-95-2	
Pyrene	0.016 I	mg/kg	0.039	0.011	1	10/04/23 09:57	10/16/23 23:30	129-00-0	
1,2,4-Trichlorobenzene	0.028 U	mg/kg	0.20	0.028	1	10/04/23 09:57	10/16/23 23:30	120-82-1	
2,4,5-Trichlorophenol	0.0078 U	mg/kg	0.20	0.0078	1	10/04/23 09:57	10/16/23 23:30	95-95-4	
2,4,6-Trichlorophenol	0.011 U	mg/kg	0.20	0.011	1	10/04/23 09:57	10/16/23 23:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	24-98		1	10/04/23 09:57	10/16/23 23:30	4165-60-0	
2-Fluorobiphenyl (S)	65	%	29-101		1	10/04/23 09:57	10/16/23 23:30	321-60-8	
p-Terphenyl-d14 (S)	74	%	29-112		1	10/04/23 09:57	10/16/23 23:30	1718-51-0	
Phenol-d6 (S)	56	%	10-104		1	10/04/23 09:57	10/16/23 23:30	13127-88-3	
2-Fluorophenol (S)	57	%	19-95		1	10/04/23 09:57	10/16/23 23:30	367-12-4	

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBC 3 Lab ID: 35830894003 Collected: 09/28/23 11:55 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	70	%	23-110		1	10/04/23 09:57	10/16/23 23:30	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.018 U	mg/kg	0.040	0.018	1	10/03/23 19:03	10/04/23 05:27	67-64-1	
Acetonitrile	0.012 U	mg/kg	0.040	0.012	1	10/03/23 19:03	10/04/23 05:27	75-05-8	J(v2)
Benzene	0.00081 U	mg/kg	0.0040	0.00081	1	10/03/23 19:03	10/04/23 05:27	71-43-2	
Bromochloromethane	0.00060 U	mg/kg	0.0040	0.00060	1	10/03/23 19:03	10/04/23 05:27	74-97-5	
Bromodichloromethane	0.00089 U	mg/kg	0.0040	0.00089	1	10/03/23 19:03	10/04/23 05:27	75-27-4	
Bromoform	0.00089 U	mg/kg	0.0040	0.00089	1	10/03/23 19:03	10/04/23 05:27	75-25-2	
Bromomethane	0.0015 U	mg/kg	0.0040	0.0015	1	10/03/23 19:03	10/04/23 05:27	74-83-9	
2-Butanone (MEK)	0.0040 U	mg/kg	0.040	0.0040	1	10/03/23 19:03	10/04/23 05:27	78-93-3	
Carbon disulfide	0.0020 U	mg/kg	0.0040	0.0020	1	10/03/23 19:03	10/04/23 05:27	75-15-0	J(v2)
Carbon tetrachloride	0.00097 U	mg/kg	0.0040	0.00097	1	10/03/23 19:03	10/04/23 05:27	56-23-5	
Chlorobenzene	0.00075 U	mg/kg	0.0040	0.00075	1	10/03/23 19:03	10/04/23 05:27	108-90-7	
Chloroethane	0.0017 U	mg/kg	0.0040	0.0017	1	10/03/23 19:03	10/04/23 05:27	75-00-3	
Chloroform	0.0015 U	mg/kg	0.0040	0.0015	1	10/03/23 19:03	10/04/23 05:27	67-66-3	
Chloromethane	0.0016 U	mg/kg	0.0040	0.0016	1	10/03/23 19:03	10/04/23 05:27	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	0.00097 U	mg/kg	0.0040	0.00097	1	10/03/23 19:03	10/04/23 05:27	96-12-8	
Dibromochloromethane	0.00070 U	mg/kg	0.0040	0.00070	1	10/03/23 19:03	10/04/23 05:27	124-48-1	
1,2-Dibromoethane (EDB)	0.00060 U	mg/kg	0.0040	0.00060	1	10/03/23 19:03	10/04/23 05:27	106-93-4	
Dibromomethane	0.00057 U	mg/kg	0.0040	0.00057	1	10/03/23 19:03	10/04/23 05:27	74-95-3	
1,2-Dichlorobenzene	0.00061 U	mg/kg	0.0040	0.00061	1	10/03/23 19:03	10/04/23 05:27	95-50-1	
1,4-Dichlorobenzene	0.00054 U	mg/kg	0.0040	0.00054	1	10/03/23 19:03	10/04/23 05:27	106-46-7	
trans-1,4-Dichloro-2-butene	0.00097 U	mg/kg	0.0040	0.00097	1	10/03/23 19:03	10/04/23 05:27	110-57-6	
1,1-Dichloroethane	0.00079 U	mg/kg	0.0040	0.00079	1	10/03/23 19:03	10/04/23 05:27	75-34-3	
1,2-Dichloroethane	0.00062 U	mg/kg	0.0040	0.00062	1	10/03/23 19:03	10/04/23 05:27	107-06-2	
1,2-Dichloroethene (Total)	0.0025 U	mg/kg	0.0040	0.0025	1	10/03/23 19:03	10/04/23 05:27	540-59-0	
1,1-Dichloroethene	0.0020 U	mg/kg	0.0040	0.0020	1	10/03/23 19:03	10/04/23 05:27	75-35-4	
cis-1,2-Dichloroethene	0.00089 U	mg/kg	0.0040	0.00089	1	10/03/23 19:03	10/04/23 05:27	156-59-2	
trans-1,2-Dichloroethene	0.0011 U	mg/kg	0.0040	0.0011	1	10/03/23 19:03	10/04/23 05:27	156-60-5	
1,2-Dichloropropane	0.00074 U	mg/kg	0.0040	0.00074	1	10/03/23 19:03	10/04/23 05:27	78-87-5	J(v2)
cis-1,3-Dichloropropene	0.00081 U	mg/kg	0.0040	0.00081	1	10/03/23 19:03	10/04/23 05:27	10061-01-5	
trans-1,3-Dichloropropene	0.00080 U	mg/kg	0.0040	0.00080	1	10/03/23 19:03	10/04/23 05:27	10061-02-6	
Ethylbenzene	0.00097 U	mg/kg	0.0040	0.00097	1	10/03/23 19:03	10/04/23 05:27	100-41-4	
2-Hexanone	0.0040 U	mg/kg	0.020	0.0040	1	10/03/23 19:03	10/04/23 05:27	591-78-6	
Iodomethane	0.00089 U	mg/kg	0.0081	0.00089	1	10/03/23 19:03	10/04/23 05:27	74-88-4	
Isopropylbenzene (Cumene)	0.0011 U	mg/kg	0.0040	0.0011	1	10/03/23 19:03	10/04/23 05:27	98-82-8	
Methylene Chloride	0.0036 U	mg/kg	0.0040	0.0036	1	10/03/23 19:03	10/04/23 05:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0040 U	mg/kg	0.020	0.0040	1	10/03/23 19:03	10/04/23 05:27	108-10-1	
Methyl-tert-butyl ether	0.0012 U	mg/kg	0.0040	0.0012	1	10/03/23 19:03	10/04/23 05:27	1634-04-4	
Styrene	0.0020 U	mg/kg	0.0040	0.0020	1	10/03/23 19:03	10/04/23 05:27	100-42-5	
1,1,1,2-Tetrachloroethane	0.00081 U	mg/kg	0.0040	0.00081	1	10/03/23 19:03	10/04/23 05:27	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBC 3 **Lab ID: 35830894003** Collected: 09/28/23 11:55 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,2,2-Tetrachloroethane	0.00049 U	mg/kg	0.0040	0.00049	1	10/03/23 19:03	10/04/23 05:27	79-34-5	
Tetrachloroethene	0.00097 U	mg/kg	0.0040	0.00097	1	10/03/23 19:03	10/04/23 05:27	127-18-4	
Toluene	0.0016 U	mg/kg	0.0040	0.0016	1	10/03/23 19:03	10/04/23 05:27	108-88-3	
1,1,1-Trichloroethane	0.0011 U	mg/kg	0.0040	0.0011	1	10/03/23 19:03	10/04/23 05:27	71-55-6	
1,1,2-Trichloroethane	0.00048 U	mg/kg	0.0040	0.00048	1	10/03/23 19:03	10/04/23 05:27	79-00-5	
Trichloroethene	0.00097 U	mg/kg	0.0040	0.00097	1	10/03/23 19:03	10/04/23 05:27	79-01-6	
Trichlorofluoromethane	0.0020 U	mg/kg	0.0040	0.0020	1	10/03/23 19:03	10/04/23 05:27	75-69-4	
1,2,3-Trichloropropane	0.0012 U	mg/kg	0.0040	0.0012	1	10/03/23 19:03	10/04/23 05:27	96-18-4	
Vinyl acetate	0.0013 U	mg/kg	0.0040	0.0013	1	10/03/23 19:03	10/04/23 05:27	108-05-4	
Vinyl chloride	0.0017 U	mg/kg	0.0040	0.0017	1	10/03/23 19:03	10/04/23 05:27	75-01-4	J(v2)
Xylene (Total)	0.0042 U	mg/kg	0.012	0.0042	1	10/03/23 19:03	10/04/23 05:27	1330-20-7	
m&p-Xylene	0.0042 U	mg/kg	0.0081	0.0042	1	10/03/23 19:03	10/04/23 05:27	179601-23-1	
o-Xylene	0.00078 U	mg/kg	0.0040	0.00078	1	10/03/23 19:03	10/04/23 05:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	68-125		1	10/03/23 19:03	10/04/23 05:27	460-00-4	
Toluene-d8 (S)	115	%	70-130		1	10/03/23 19:03	10/04/23 05:27	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	10/03/23 19:03	10/04/23 05:27	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
 Pace Analytical Services - Ormond Beach

Percent Moisture	13.9	%	0.10	0.10	1		10/12/23 07:55		
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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBV 1 Lab ID: 35830894004 Collected: 09/28/23 12:05 Received: 09/29/23 11:53 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
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.32 U	mg/kg	0.63	0.32	1	10/11/23 08:22	10/11/23 20:57	7440-38-2	
Barium	5.6	mg/kg	0.63	0.11	1	10/11/23 08:22	10/11/23 20:57	7440-39-3	
Cadmium	0.13	mg/kg	0.063	0.032	1	10/11/23 08:22	10/11/23 20:57	7440-43-9	
Chromium	3.4	mg/kg	0.32	0.16	1	10/11/23 08:22	10/11/23 20:57	7440-47-3	
Lead	5.1	mg/kg	0.63	0.32	1	10/11/23 08:22	10/11/23 20:57	7439-92-1	
Selenium	0.47 U	mg/kg	0.95	0.47	1	10/11/23 08:22	10/11/23 20:57	7782-49-2	
Silver	0.089 I	mg/kg	0.32	0.070	1	10/11/23 08:22	10/11/23 20:57	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0094	mg/kg	0.0089	0.0045	1	10/10/23 09:31	10/11/23 10:28	7439-97-6	
8270 MSSV Full 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	10/04/23 09:57	10/17/23 12:23	83-32-9	
Acenaphthylene	0.0055 U	mg/kg	0.035	0.0055	1	10/04/23 09:57	10/17/23 12:23	208-96-8	
Aniline	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/17/23 12:23	62-53-3	
Anthracene	0.0048 U	mg/kg	0.037	0.0048	1	10/04/23 09:57	10/17/23 12:23	120-12-7	
Benzo(a)anthracene	0.0047 U	mg/kg	0.035	0.0047	1	10/04/23 09:57	10/17/23 12:23	56-55-3	
Benzo(a)pyrene	0.0087 U	mg/kg	0.035	0.0087	1	10/04/23 09:57	10/17/23 12:23	50-32-8	
Benzo(b)fluoranthene	0.012 I	mg/kg	0.035	0.0094	1	10/04/23 09:57	10/17/23 12:23	205-99-2	
Benzo(g,h,i)perylene	0.0093 I	mg/kg	0.035	0.0088	1	10/04/23 09:57	10/17/23 12:23	191-24-2	
Benzo(k)fluoranthene	0.0094 U	mg/kg	0.035	0.0094	1	10/04/23 09:57	10/17/23 12:23	207-08-9	
Benzyl alcohol	0.036 U	mg/kg	0.18	0.036	1	10/04/23 09:57	10/17/23 12:23	100-51-6	
4-Bromophenylphenyl ether	0.033 U	mg/kg	0.18	0.033	1	10/04/23 09:57	10/17/23 12:23	101-55-3	
Butylbenzylphthalate	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/17/23 12:23	85-68-7	
4-Chloro-3-methylphenol	0.10 U	mg/kg	0.70	0.10	1	10/04/23 09:57	10/17/23 12:23	59-50-7	
4-Chloroaniline	0.027 U	mg/kg	0.18	0.027	1	10/04/23 09:57	10/17/23 12:23	106-47-8	
bis(2-Chloroethoxy)methane	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:23	111-91-1	
bis(2-Chloroethyl) ether	0.011 U	mg/kg	0.18	0.011	1	10/04/23 09:57	10/17/23 12:23	111-44-4	
bis(2-Chloroisopropyl) ether	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/17/23 12:23	108-60-1	
2-Chloronaphthalene	0.0083 U	mg/kg	0.18	0.0083	1	10/04/23 09:57	10/17/23 12:23	91-58-7	
2-Chlorophenol	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/17/23 12:23	95-57-8	
4-Chlorophenylphenyl ether	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:23	7005-72-3	
Chrysene	0.0048 I	mg/kg	0.035	0.0047	1	10/04/23 09:57	10/17/23 12:23	218-01-9	
Dibenz(a,h)anthracene	0.0081 U	mg/kg	0.035	0.0081	1	10/04/23 09:57	10/17/23 12:23	53-70-3	
Dibenzofuran	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/17/23 12:23	132-64-9	
1,2-Dichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:23	95-50-1	
1,3-Dichlorobenzene	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/17/23 12:23	541-73-1	
1,4-Dichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:23	106-46-7	
3,3'-Dichlorobenzidine	0.034 U	mg/kg	0.70	0.034	1	10/04/23 09:57	10/17/23 12:23	91-94-1	
2,4-Dichlorophenol	0.0078 U	mg/kg	0.18	0.0078	1	10/04/23 09:57	10/17/23 12:23	120-83-2	
Diethylphthalate	0.059 U	mg/kg	0.18	0.059	1	10/04/23 09:57	10/17/23 12:23	84-66-2	
2,4-Dimethylphenol	0.031 U	mg/kg	0.18	0.031	1	10/04/23 09:57	10/17/23 12:23	105-67-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBV 1 Lab ID: 35830894004 Collected: 09/28/23 12:05 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546 Pace Analytical Services - Ormond Beach							
Dimethylphthalate	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/17/23 12:23	131-11-3	
Di-n-butylphthalate	0.14 U	mg/kg	0.18	0.14	1	10/04/23 09:57	10/17/23 12:23	84-74-2	
4,6-Dinitro-2-methylphenol	0.23 U	mg/kg	0.70	0.23	1	10/04/23 09:57	10/17/23 12:23	534-52-1	
2,4-Dinitrophenol	0.10 U	mg/kg	0.70	0.10	1	10/04/23 09:57	10/17/23 12:23	51-28-5	
2,4-Dinitrotoluene	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/17/23 12:23	121-14-2	
2,6-Dinitrotoluene	0.0085 U	mg/kg	0.18	0.0085	1	10/04/23 09:57	10/17/23 12:23	606-20-2	
Di-n-octylphthalate	0.043 U	mg/kg	0.18	0.043	1	10/04/23 09:57	10/17/23 12:23	117-84-0	
1,2-Diphenylhydrazine	0.039 U	mg/kg	0.18	0.039	1	10/04/23 09:57	10/17/23 12:23	122-66-7	
bis(2-Ethylhexyl)phthalate	0.036 U	mg/kg	0.18	0.036	1	10/04/23 09:57	10/17/23 12:23	117-81-7	
Fluoranthene	0.011 U	mg/kg	0.035	0.011	1	10/04/23 09:57	10/17/23 12:23	206-44-0	
Fluorene	0.012 U	mg/kg	0.039	0.012	1	10/04/23 09:57	10/17/23 12:23	86-73-7	
Hexachloro-1,3-butadiene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/17/23 12:23	87-68-3	
Hexachlorobenzene	0.0069 U	mg/kg	0.18	0.0069	1	10/04/23 09:57	10/17/23 12:23	118-74-1	
Hexachlorocyclopentadiene	0.13 U	mg/kg	0.70	0.13	1	10/04/23 09:57	10/17/23 12:23	77-47-4	
Hexachloroethane	0.027 U	mg/kg	0.18	0.027	1	10/04/23 09:57	10/17/23 12:23	67-72-1	
Indeno(1,2,3-cd)pyrene	0.0080 U	mg/kg	0.035	0.0080	1	10/04/23 09:57	10/17/23 12:23	193-39-5	
Isophorone	0.030 U	mg/kg	0.18	0.030	1	10/04/23 09:57	10/17/23 12:23	78-59-1	
1-Methylnaphthalene	0.0058 U	mg/kg	0.042	0.0058	1	10/04/23 09:57	10/17/23 12:23	90-12-0	
2-Methylnaphthalene	0.0055 U	mg/kg	0.041	0.0055	1	10/04/23 09:57	10/17/23 12:23	91-57-6	
2-Methylphenol(o-Cresol)	0.0084 U	mg/kg	0.18	0.0084	1	10/04/23 09:57	10/17/23 12:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.0080 U	mg/kg	0.18	0.0080	1	10/04/23 09:57	10/17/23 12:23		
Naphthalene	0.012 U	mg/kg	0.036	0.012	1	10/04/23 09:57	10/17/23 12:23	91-20-3	
2-Nitroaniline	0.044 U	mg/kg	0.18	0.044	1	10/04/23 09:57	10/17/23 12:23	88-74-4	
3-Nitroaniline	0.039 U	mg/kg	0.18	0.039	1	10/04/23 09:57	10/17/23 12:23	99-09-2	
4-Nitroaniline	0.0088 U	mg/kg	0.18	0.0088	1	10/04/23 09:57	10/17/23 12:23	100-01-6	
Nitrobenzene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/17/23 12:23	98-95-3	
2-Nitrophenol	0.056 U	mg/kg	0.18	0.056	1	10/04/23 09:57	10/17/23 12:23	88-75-5	
4-Nitrophenol	0.076 U	mg/kg	0.23	0.076	1	10/04/23 09:57	10/17/23 12:23	100-02-7	
N-Nitrosodimethylamine	0.011 U	mg/kg	0.18	0.011	1	10/04/23 09:57	10/17/23 12:23	62-75-9	
N-Nitroso-di-n-propylamine	0.0069 U	mg/kg	0.18	0.0069	1	10/04/23 09:57	10/17/23 12:23	621-64-7	
N-Nitrosodiphenylamine	0.023 U	mg/kg	0.18	0.023	1	10/04/23 09:57	10/17/23 12:23	86-30-6	
Pentachlorophenol	0.091 U	mg/kg	0.70	0.091	1	10/04/23 09:57	10/17/23 12:23	87-86-5	
Phenanthrene	0.0050 U	mg/kg	0.035	0.0050	1	10/04/23 09:57	10/17/23 12:23	85-01-8	
Phenol	0.033 U	mg/kg	0.18	0.033	1	10/04/23 09:57	10/17/23 12:23	108-95-2	
Pyrene	0.010 U	mg/kg	0.035	0.010	1	10/04/23 09:57	10/17/23 12:23	129-00-0	
1,2,4-Trichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:23	120-82-1	
2,4,5-Trichlorophenol	0.0070 U	mg/kg	0.18	0.0070	1	10/04/23 09:57	10/17/23 12:23	95-95-4	
2,4,6-Trichlorophenol	0.0096 U	mg/kg	0.18	0.0096	1	10/04/23 09:57	10/17/23 12:23	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	24-98		1	10/04/23 09:57	10/17/23 12:23	4165-60-0	
2-Fluorobiphenyl (S)	69	%	29-101		1	10/04/23 09:57	10/17/23 12:23	321-60-8	
p-Terphenyl-d14 (S)	85	%	29-112		1	10/04/23 09:57	10/17/23 12:23	1718-51-0	
Phenol-d6 (S)	65	%	10-104		1	10/04/23 09:57	10/17/23 12:23	13127-88-3	
2-Fluorophenol (S)	62	%	19-95		1	10/04/23 09:57	10/17/23 12:23	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBV 1 Lab ID: 35830894004 Collected: 09/28/23 12:05 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	80	%	23-110		1	10/04/23 09:57	10/17/23 12:23	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.012 U	mg/kg	0.027	0.012	1	10/03/23 19:03	10/04/23 05:50	67-64-1	
Acetonitrile	0.0080 U	mg/kg	0.027	0.0080	1	10/03/23 19:03	10/04/23 05:50	75-05-8	J(v2)
Benzene	0.00054 U	mg/kg	0.0027	0.00054	1	10/03/23 19:03	10/04/23 05:50	71-43-2	
Bromochloromethane	0.00040 U	mg/kg	0.0027	0.00040	1	10/03/23 19:03	10/04/23 05:50	74-97-5	
Bromodichloromethane	0.00059 U	mg/kg	0.0027	0.00059	1	10/03/23 19:03	10/04/23 05:50	75-27-4	
Bromoform	0.00059 U	mg/kg	0.0027	0.00059	1	10/03/23 19:03	10/04/23 05:50	75-25-2	
Bromomethane	0.00097 U	mg/kg	0.0027	0.00097	1	10/03/23 19:03	10/04/23 05:50	74-83-9	
2-Butanone (MEK)	0.0027 U	mg/kg	0.027	0.0027	1	10/03/23 19:03	10/04/23 05:50	78-93-3	
Carbon disulfide	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 05:50	75-15-0	J(v2)
Carbon tetrachloride	0.00065 U	mg/kg	0.0027	0.00065	1	10/03/23 19:03	10/04/23 05:50	56-23-5	
Chlorobenzene	0.00050 U	mg/kg	0.0027	0.00050	1	10/03/23 19:03	10/04/23 05:50	108-90-7	
Chloroethane	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 05:50	75-00-3	
Chloroform	0.00099 U	mg/kg	0.0027	0.00099	1	10/03/23 19:03	10/04/23 05:50	67-66-3	
Chloromethane	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 05:50	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	0.00065 U	mg/kg	0.0027	0.00065	1	10/03/23 19:03	10/04/23 05:50	96-12-8	
Dibromochloromethane	0.00047 U	mg/kg	0.0027	0.00047	1	10/03/23 19:03	10/04/23 05:50	124-48-1	
1,2-Dibromoethane (EDB)	0.00040 U	mg/kg	0.0027	0.00040	1	10/03/23 19:03	10/04/23 05:50	106-93-4	
Dibromomethane	0.00038 U	mg/kg	0.0027	0.00038	1	10/03/23 19:03	10/04/23 05:50	74-95-3	
1,2-Dichlorobenzene	0.00041 U	mg/kg	0.0027	0.00041	1	10/03/23 19:03	10/04/23 05:50	95-50-1	
1,4-Dichlorobenzene	0.00036 U	mg/kg	0.0027	0.00036	1	10/03/23 19:03	10/04/23 05:50	106-46-7	
trans-1,4-Dichloro-2-butene	0.00065 U	mg/kg	0.0027	0.00065	1	10/03/23 19:03	10/04/23 05:50	110-57-6	
1,1-Dichloroethane	0.00053 U	mg/kg	0.0027	0.00053	1	10/03/23 19:03	10/04/23 05:50	75-34-3	
1,2-Dichloroethane	0.00041 U	mg/kg	0.0027	0.00041	1	10/03/23 19:03	10/04/23 05:50	107-06-2	
1,2-Dichloroethene (Total)	0.0016 U	mg/kg	0.0027	0.0016	1	10/03/23 19:03	10/04/23 05:50	540-59-0	
1,1-Dichloroethene	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 05:50	75-35-4	
cis-1,2-Dichloroethene	0.00059 U	mg/kg	0.0027	0.00059	1	10/03/23 19:03	10/04/23 05:50	156-59-2	
trans-1,2-Dichloroethene	0.00070 U	mg/kg	0.0027	0.00070	1	10/03/23 19:03	10/04/23 05:50	156-60-5	
1,2-Dichloropropane	0.00050 U	mg/kg	0.0027	0.00050	1	10/03/23 19:03	10/04/23 05:50	78-87-5	J(v2)
cis-1,3-Dichloropropene	0.00054 U	mg/kg	0.0027	0.00054	1	10/03/23 19:03	10/04/23 05:50	10061-01-5	
trans-1,3-Dichloropropene	0.00053 U	mg/kg	0.0027	0.00053	1	10/03/23 19:03	10/04/23 05:50	10061-02-6	
Ethylbenzene	0.00065 U	mg/kg	0.0027	0.00065	1	10/03/23 19:03	10/04/23 05:50	100-41-4	
2-Hexanone	0.0027 U	mg/kg	0.013	0.0027	1	10/03/23 19:03	10/04/23 05:50	591-78-6	
Iodomethane	0.00059 U	mg/kg	0.0054	0.00059	1	10/03/23 19:03	10/04/23 05:50	74-88-4	
Isopropylbenzene (Cumene)	0.00070 U	mg/kg	0.0027	0.00070	1	10/03/23 19:03	10/04/23 05:50	98-82-8	
Methylene Chloride	0.0024 U	mg/kg	0.0027	0.0024	1	10/03/23 19:03	10/04/23 05:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0027 U	mg/kg	0.013	0.0027	1	10/03/23 19:03	10/04/23 05:50	108-10-1	
Methyl-tert-butyl ether	0.00081 U	mg/kg	0.0027	0.00081	1	10/03/23 19:03	10/04/23 05:50	1634-04-4	
Styrene	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 05:50	100-42-5	
1,1,1,2-Tetrachloroethane	0.00054 U	mg/kg	0.0027	0.00054	1	10/03/23 19:03	10/04/23 05:50	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 1 **Lab ID: 35830894004** Collected: 09/28/23 12:05 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,2,2-Tetrachloroethane	0.00033 U	mg/kg	0.0027	0.00033	1	10/03/23 19:03	10/04/23 05:50	79-34-5	
Tetrachloroethene	0.00065 U	mg/kg	0.0027	0.00065	1	10/03/23 19:03	10/04/23 05:50	127-18-4	
Toluene	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 05:50	108-88-3	
1,1,1-Trichloroethane	0.00070 U	mg/kg	0.0027	0.00070	1	10/03/23 19:03	10/04/23 05:50	71-55-6	
1,1,2-Trichloroethane	0.00032 U	mg/kg	0.0027	0.00032	1	10/03/23 19:03	10/04/23 05:50	79-00-5	
Trichloroethene	0.00065 U	mg/kg	0.0027	0.00065	1	10/03/23 19:03	10/04/23 05:50	79-01-6	
Trichlorofluoromethane	0.0013 U	mg/kg	0.0027	0.0013	1	10/03/23 19:03	10/04/23 05:50	75-69-4	
1,2,3-Trichloropropane	0.00081 U	mg/kg	0.0027	0.00081	1	10/03/23 19:03	10/04/23 05:50	96-18-4	
Vinyl acetate	0.00086 U	mg/kg	0.0027	0.00086	1	10/03/23 19:03	10/04/23 05:50	108-05-4	
Vinyl chloride	0.0011 U	mg/kg	0.0027	0.0011	1	10/03/23 19:03	10/04/23 05:50	75-01-4	J(v2)
Xylene (Total)	0.0028 U	mg/kg	0.0081	0.0028	1	10/03/23 19:03	10/04/23 05:50	1330-20-7	
m&p-Xylene	0.0028 U	mg/kg	0.0054	0.0028	1	10/03/23 19:03	10/04/23 05:50	179601-23-1	
o-Xylene	0.00052 U	mg/kg	0.0027	0.00052	1	10/03/23 19:03	10/04/23 05:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	110	%	68-125		1	10/03/23 19:03	10/04/23 05:50	460-00-4	
Toluene-d8 (S)	90	%	70-130		1	10/03/23 19:03	10/04/23 05:50	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1	10/03/23 19:03	10/04/23 05:50	2199-69-1	

Percent Moisture									
Analytical Method: ASTM D2974-87									
Pace Analytical Services - Ormond Beach									
Percent Moisture	4.0	%	0.10	0.10	1		10/12/23 07:55		

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 2 Lab ID: 35830894005 Collected: 09/28/23 12:10 Received: 09/29/23 11:53 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
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.32 U	mg/kg	0.64	0.32	1	10/11/23 08:22	10/11/23 21:01	7440-38-2	
Barium	4.4	mg/kg	0.64	0.11	1	10/11/23 08:22	10/11/23 21:01	7440-39-3	
Cadmium	0.090	mg/kg	0.064	0.032	1	10/11/23 08:22	10/11/23 21:01	7440-43-9	
Chromium	2.7	mg/kg	0.32	0.16	1	10/11/23 08:22	10/11/23 21:01	7440-47-3	
Lead	6.2	mg/kg	0.64	0.32	1	10/11/23 08:22	10/11/23 21:01	7439-92-1	
Selenium	0.48 U	mg/kg	0.96	0.48	1	10/11/23 08:22	10/11/23 21:01	7782-49-2	
Silver	0.070 U	mg/kg	0.32	0.070	1	10/11/23 08:22	10/11/23 21:01	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.0084 I	mg/kg	0.0088	0.0044	1	10/10/23 09:31	10/11/23 10:30	7439-97-6	
8270 MSSV Full 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	10/04/23 09:57	10/17/23 12:48	83-32-9	
Acenaphthylene	0.0055 U	mg/kg	0.035	0.0055	1	10/04/23 09:57	10/17/23 12:48	208-96-8	
Aniline	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/17/23 12:48	62-53-3	
Anthracene	0.0048 U	mg/kg	0.037	0.0048	1	10/04/23 09:57	10/17/23 12:48	120-12-7	
Benzo(a)anthracene	0.0047 U	mg/kg	0.035	0.0047	1	10/04/23 09:57	10/17/23 12:48	56-55-3	
Benzo(a)pyrene	0.0087 U	mg/kg	0.035	0.0087	1	10/04/23 09:57	10/17/23 12:48	50-32-8	
Benzo(b)fluoranthene	0.0094 U	mg/kg	0.035	0.0094	1	10/04/23 09:57	10/17/23 12:48	205-99-2	
Benzo(g,h,i)perylene	0.0088 U	mg/kg	0.035	0.0088	1	10/04/23 09:57	10/17/23 12:48	191-24-2	
Benzo(k)fluoranthene	0.0094 U	mg/kg	0.035	0.0094	1	10/04/23 09:57	10/17/23 12:48	207-08-9	
Benzyl alcohol	0.036 U	mg/kg	0.18	0.036	1	10/04/23 09:57	10/17/23 12:48	100-51-6	
4-Bromophenylphenyl ether	0.033 U	mg/kg	0.18	0.033	1	10/04/23 09:57	10/17/23 12:48	101-55-3	
Butylbenzylphthalate	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/17/23 12:48	85-68-7	
4-Chloro-3-methylphenol	0.10 U	mg/kg	0.70	0.10	1	10/04/23 09:57	10/17/23 12:48	59-50-7	
4-Chloroaniline	0.027 U	mg/kg	0.18	0.027	1	10/04/23 09:57	10/17/23 12:48	106-47-8	
bis(2-Chloroethoxy)methane	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:48	111-91-1	
bis(2-Chloroethyl) ether	0.011 U	mg/kg	0.18	0.011	1	10/04/23 09:57	10/17/23 12:48	111-44-4	
bis(2-Chloroisopropyl) ether	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/17/23 12:48	108-60-1	
2-Chloronaphthalene	0.0083 U	mg/kg	0.18	0.0083	1	10/04/23 09:57	10/17/23 12:48	91-58-7	
2-Chlorophenol	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/17/23 12:48	95-57-8	
4-Chlorophenylphenyl ether	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:48	7005-72-3	
Chrysene	0.0047 U	mg/kg	0.035	0.0047	1	10/04/23 09:57	10/17/23 12:48	218-01-9	
Dibenz(a,h)anthracene	0.0081 U	mg/kg	0.035	0.0081	1	10/04/23 09:57	10/17/23 12:48	53-70-3	
Dibenzofuran	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/17/23 12:48	132-64-9	
1,2-Dichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:48	95-50-1	
1,3-Dichlorobenzene	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/17/23 12:48	541-73-1	
1,4-Dichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:48	106-46-7	
3,3'-Dichlorobenzidine	0.034 U	mg/kg	0.70	0.034	1	10/04/23 09:57	10/17/23 12:48	91-94-1	
2,4-Dichlorophenol	0.0078 U	mg/kg	0.18	0.0078	1	10/04/23 09:57	10/17/23 12:48	120-83-2	
Diethylphthalate	0.059 U	mg/kg	0.18	0.059	1	10/04/23 09:57	10/17/23 12:48	84-66-2	
2,4-Dimethylphenol	0.031 U	mg/kg	0.18	0.031	1	10/04/23 09:57	10/17/23 12:48	105-67-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 2 Lab ID: 35830894005 Collected: 09/28/23 12:10 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
		Pace Analytical Services - Ormond Beach							
Dimethylphthalate	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/17/23 12:48	131-11-3	
Di-n-butylphthalate	0.14 U	mg/kg	0.18	0.14	1	10/04/23 09:57	10/17/23 12:48	84-74-2	
4,6-Dinitro-2-methylphenol	0.23 U	mg/kg	0.70	0.23	1	10/04/23 09:57	10/17/23 12:48	534-52-1	
2,4-Dinitrophenol	0.10 U	mg/kg	0.70	0.10	1	10/04/23 09:57	10/17/23 12:48	51-28-5	
2,4-Dinitrotoluene	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/17/23 12:48	121-14-2	
2,6-Dinitrotoluene	0.0085 U	mg/kg	0.18	0.0085	1	10/04/23 09:57	10/17/23 12:48	606-20-2	
Di-n-octylphthalate	0.043 U	mg/kg	0.18	0.043	1	10/04/23 09:57	10/17/23 12:48	117-84-0	
1,2-Diphenylhydrazine	0.039 U	mg/kg	0.18	0.039	1	10/04/23 09:57	10/17/23 12:48	122-66-7	
bis(2-Ethylhexyl)phthalate	0.036 U	mg/kg	0.18	0.036	1	10/04/23 09:57	10/17/23 12:48	117-81-7	
Fluoranthene	0.011 U	mg/kg	0.035	0.011	1	10/04/23 09:57	10/17/23 12:48	206-44-0	
Fluorene	0.012 U	mg/kg	0.039	0.012	1	10/04/23 09:57	10/17/23 12:48	86-73-7	
Hexachloro-1,3-butadiene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/17/23 12:48	87-68-3	
Hexachlorobenzene	0.0069 U	mg/kg	0.18	0.0069	1	10/04/23 09:57	10/17/23 12:48	118-74-1	
Hexachlorocyclopentadiene	0.13 U	mg/kg	0.70	0.13	1	10/04/23 09:57	10/17/23 12:48	77-47-4	
Hexachloroethane	0.027 U	mg/kg	0.18	0.027	1	10/04/23 09:57	10/17/23 12:48	67-72-1	
Indeno(1,2,3-cd)pyrene	0.0080 U	mg/kg	0.035	0.0080	1	10/04/23 09:57	10/17/23 12:48	193-39-5	
Isophorone	0.030 U	mg/kg	0.18	0.030	1	10/04/23 09:57	10/17/23 12:48	78-59-1	
1-Methylnaphthalene	0.0058 U	mg/kg	0.042	0.0058	1	10/04/23 09:57	10/17/23 12:48	90-12-0	
2-Methylnaphthalene	0.0055 U	mg/kg	0.041	0.0055	1	10/04/23 09:57	10/17/23 12:48	91-57-6	
2-Methylphenol(o-Cresol)	0.0084 U	mg/kg	0.18	0.0084	1	10/04/23 09:57	10/17/23 12:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	0.0080 U	mg/kg	0.18	0.0080	1	10/04/23 09:57	10/17/23 12:48		
Naphthalene	0.012 U	mg/kg	0.036	0.012	1	10/04/23 09:57	10/17/23 12:48	91-20-3	
2-Nitroaniline	0.044 U	mg/kg	0.18	0.044	1	10/04/23 09:57	10/17/23 12:48	88-74-4	
3-Nitroaniline	0.039 U	mg/kg	0.18	0.039	1	10/04/23 09:57	10/17/23 12:48	99-09-2	
4-Nitroaniline	0.0088 U	mg/kg	0.18	0.0088	1	10/04/23 09:57	10/17/23 12:48	100-01-6	
Nitrobenzene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/17/23 12:48	98-95-3	
2-Nitrophenol	0.056 U	mg/kg	0.18	0.056	1	10/04/23 09:57	10/17/23 12:48	88-75-5	
4-Nitrophenol	0.076 U	mg/kg	0.23	0.076	1	10/04/23 09:57	10/17/23 12:48	100-02-7	
N-Nitrosodimethylamine	0.011 U	mg/kg	0.18	0.011	1	10/04/23 09:57	10/17/23 12:48	62-75-9	
N-Nitroso-di-n-propylamine	0.0069 U	mg/kg	0.18	0.0069	1	10/04/23 09:57	10/17/23 12:48	621-64-7	
N-Nitrosodiphenylamine	0.023 U	mg/kg	0.18	0.023	1	10/04/23 09:57	10/17/23 12:48	86-30-6	
Pentachlorophenol	0.091 U	mg/kg	0.70	0.091	1	10/04/23 09:57	10/17/23 12:48	87-86-5	
Phenanthrene	0.0050 U	mg/kg	0.035	0.0050	1	10/04/23 09:57	10/17/23 12:48	85-01-8	
Phenol	0.033 U	mg/kg	0.18	0.033	1	10/04/23 09:57	10/17/23 12:48	108-95-2	
Pyrene	0.010 U	mg/kg	0.035	0.010	1	10/04/23 09:57	10/17/23 12:48	129-00-0	
1,2,4-Trichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/17/23 12:48	120-82-1	
2,4,5-Trichlorophenol	0.0070 U	mg/kg	0.18	0.0070	1	10/04/23 09:57	10/17/23 12:48	95-95-4	
2,4,6-Trichlorophenol	0.0096 U	mg/kg	0.18	0.0096	1	10/04/23 09:57	10/17/23 12:48	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	24-98		1	10/04/23 09:57	10/17/23 12:48	4165-60-0	
2-Fluorobiphenyl (S)	55	%	29-101		1	10/04/23 09:57	10/17/23 12:48	321-60-8	
p-Terphenyl-d14 (S)	76	%	29-112		1	10/04/23 09:57	10/17/23 12:48	1718-51-0	
Phenol-d6 (S)	50	%	10-104		1	10/04/23 09:57	10/17/23 12:48	13127-88-3	
2-Fluorophenol (S)	50	%	19-95		1	10/04/23 09:57	10/17/23 12:48	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBV 2 Lab ID: 35830894005 Collected: 09/28/23 12:10 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2,4,6-Tribromophenol (S)	68	%	23-110		1	10/04/23 09:57	10/17/23 12:48	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.0095 U	mg/kg	0.022	0.0095	1	10/03/23 19:03	10/04/23 06:14	67-64-1	
Acetonitrile	0.0064 U	mg/kg	0.022	0.0064	1	10/03/23 19:03	10/04/23 06:14	75-05-8	J(v2)
Benzene	0.00043 U	mg/kg	0.0022	0.00043	1	10/03/23 19:03	10/04/23 06:14	71-43-2	
Bromochloromethane	0.00032 U	mg/kg	0.0022	0.00032	1	10/03/23 19:03	10/04/23 06:14	74-97-5	
Bromodichloromethane	0.00047 U	mg/kg	0.0022	0.00047	1	10/03/23 19:03	10/04/23 06:14	75-27-4	
Bromoform	0.00047 U	mg/kg	0.0022	0.00047	1	10/03/23 19:03	10/04/23 06:14	75-25-2	
Bromomethane	0.00078 U	mg/kg	0.0022	0.00078	1	10/03/23 19:03	10/04/23 06:14	74-83-9	
2-Butanone (MEK)	0.0022 U	mg/kg	0.022	0.0022	1	10/03/23 19:03	10/04/23 06:14	78-93-3	
Carbon disulfide	0.0011 U	mg/kg	0.0022	0.0011	1	10/03/23 19:03	10/04/23 06:14	75-15-0	J(v2)
Carbon tetrachloride	0.00052 U	mg/kg	0.0022	0.00052	1	10/03/23 19:03	10/04/23 06:14	56-23-5	
Chlorobenzene	0.00040 U	mg/kg	0.0022	0.00040	1	10/03/23 19:03	10/04/23 06:14	108-90-7	
Chloroethane	0.00091 U	mg/kg	0.0022	0.00091	1	10/03/23 19:03	10/04/23 06:14	75-00-3	
Chloroform	0.00079 U	mg/kg	0.0022	0.00079	1	10/03/23 19:03	10/04/23 06:14	67-66-3	
Chloromethane	0.00084 U	mg/kg	0.0022	0.00084	1	10/03/23 19:03	10/04/23 06:14	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	0.00052 U	mg/kg	0.0022	0.00052	1	10/03/23 19:03	10/04/23 06:14	96-12-8	
Dibromochloromethane	0.00038 U	mg/kg	0.0022	0.00038	1	10/03/23 19:03	10/04/23 06:14	124-48-1	
1,2-Dibromoethane (EDB)	0.00032 U	mg/kg	0.0022	0.00032	1	10/03/23 19:03	10/04/23 06:14	106-93-4	
Dibromomethane	0.00031 U	mg/kg	0.0022	0.00031	1	10/03/23 19:03	10/04/23 06:14	74-95-3	
1,2-Dichlorobenzene	0.00033 U	mg/kg	0.0022	0.00033	1	10/03/23 19:03	10/04/23 06:14	95-50-1	
1,4-Dichlorobenzene	0.00029 U	mg/kg	0.0022	0.00029	1	10/03/23 19:03	10/04/23 06:14	106-46-7	
trans-1,4-Dichloro-2-butene	0.00052 U	mg/kg	0.0022	0.00052	1	10/03/23 19:03	10/04/23 06:14	110-57-6	
1,1-Dichloroethane	0.00042 U	mg/kg	0.0022	0.00042	1	10/03/23 19:03	10/04/23 06:14	75-34-3	
1,2-Dichloroethane	0.00033 U	mg/kg	0.0022	0.00033	1	10/03/23 19:03	10/04/23 06:14	107-06-2	
1,2-Dichloroethene (Total)	0.0013 U	mg/kg	0.0022	0.0013	1	10/03/23 19:03	10/04/23 06:14	540-59-0	
1,1-Dichloroethene	0.0011 U	mg/kg	0.0022	0.0011	1	10/03/23 19:03	10/04/23 06:14	75-35-4	
cis-1,2-Dichloroethene	0.00047 U	mg/kg	0.0022	0.00047	1	10/03/23 19:03	10/04/23 06:14	156-59-2	
trans-1,2-Dichloroethene	0.00056 U	mg/kg	0.0022	0.00056	1	10/03/23 19:03	10/04/23 06:14	156-60-5	
1,2-Dichloropropane	0.00040 U	mg/kg	0.0022	0.00040	1	10/03/23 19:03	10/04/23 06:14	78-87-5	J(v2)
cis-1,3-Dichloropropene	0.00043 U	mg/kg	0.0022	0.00043	1	10/03/23 19:03	10/04/23 06:14	10061-01-5	
trans-1,3-Dichloropropene	0.00043 U	mg/kg	0.0022	0.00043	1	10/03/23 19:03	10/04/23 06:14	10061-02-6	
Ethylbenzene	0.00052 U	mg/kg	0.0022	0.00052	1	10/03/23 19:03	10/04/23 06:14	100-41-4	
2-Hexanone	0.0022 U	mg/kg	0.011	0.0022	1	10/03/23 19:03	10/04/23 06:14	591-78-6	
Iodomethane	0.00047 U	mg/kg	0.0043	0.00047	1	10/03/23 19:03	10/04/23 06:14	74-88-4	
Isopropylbenzene (Cumene)	0.00056 U	mg/kg	0.0022	0.00056	1	10/03/23 19:03	10/04/23 06:14	98-82-8	
Methylene Chloride	0.0019 U	mg/kg	0.0022	0.0019	1	10/03/23 19:03	10/04/23 06:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0022 U	mg/kg	0.011	0.0022	1	10/03/23 19:03	10/04/23 06:14	108-10-1	
Methyl-tert-butyl ether	0.00065 U	mg/kg	0.0022	0.00065	1	10/03/23 19:03	10/04/23 06:14	1634-04-4	
Styrene	0.0011 U	mg/kg	0.0022	0.0011	1	10/03/23 19:03	10/04/23 06:14	100-42-5	
1,1,1,2-Tetrachloroethane	0.00043 U	mg/kg	0.0022	0.00043	1	10/03/23 19:03	10/04/23 06:14	630-20-6	

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 2 Lab ID: 35830894005 Collected: 09/28/23 12:10 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,2,2-Tetrachloroethane	0.00026 U	mg/kg	0.0022	0.00026	1	10/03/23 19:03	10/04/23 06:14	79-34-5	
Tetrachloroethene	0.00052 U	mg/kg	0.0022	0.00052	1	10/03/23 19:03	10/04/23 06:14	127-18-4	
Toluene	0.00086 U	mg/kg	0.0022	0.00086	1	10/03/23 19:03	10/04/23 06:14	108-88-3	
1,1,1-Trichloroethane	0.00056 U	mg/kg	0.0022	0.00056	1	10/03/23 19:03	10/04/23 06:14	71-55-6	
1,1,2-Trichloroethane	0.00025 U	mg/kg	0.0022	0.00025	1	10/03/23 19:03	10/04/23 06:14	79-00-5	
Trichloroethene	0.00052 U	mg/kg	0.0022	0.00052	1	10/03/23 19:03	10/04/23 06:14	79-01-6	
Trichlorofluoromethane	0.0011 U	mg/kg	0.0022	0.0011	1	10/03/23 19:03	10/04/23 06:14	75-69-4	
1,2,3-Trichloropropane	0.00065 U	mg/kg	0.0022	0.00065	1	10/03/23 19:03	10/04/23 06:14	96-18-4	
Vinyl acetate	0.00069 U	mg/kg	0.0022	0.00069	1	10/03/23 19:03	10/04/23 06:14	108-05-4	
Vinyl chloride	0.00090 U	mg/kg	0.0022	0.00090	1	10/03/23 19:03	10/04/23 06:14	75-01-4	J(v2)
Xylene (Total)	0.0022 U	mg/kg	0.0065	0.0022	1	10/03/23 19:03	10/04/23 06:14	1330-20-7	
m&p-Xylene	0.0022 U	mg/kg	0.0043	0.0022	1	10/03/23 19:03	10/04/23 06:14	179601-23-1	
o-Xylene	0.00041 U	mg/kg	0.0022	0.00041	1	10/03/23 19:03	10/04/23 06:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	68-125		1	10/03/23 19:03	10/04/23 06:14	460-00-4	
Toluene-d8 (S)	92	%	70-130		1	10/03/23 19:03	10/04/23 06:14	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1	10/03/23 19:03	10/04/23 06:14	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
 Pace Analytical Services - Ormond Beach

Percent Moisture	4.0	%	0.10	0.10	1		10/12/23 07:55		
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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 3 Lab ID: 35830894006 Collected: 09/28/23 12:15 Received: 09/29/23 11:53 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
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Pace Analytical Services - Ormond Beach									
Arsenic	0.31 U	mg/kg	0.62	0.31	1	10/11/23 08:22	10/11/23 21:04	7440-38-2	
Barium	7.5	mg/kg	0.62	0.10	1	10/11/23 08:22	10/11/23 21:04	7440-39-3	
Cadmium	0.16	mg/kg	0.062	0.031	1	10/11/23 08:22	10/11/23 21:04	7440-43-9	
Chromium	4.2	mg/kg	0.31	0.15	1	10/11/23 08:22	10/11/23 21:04	7440-47-3	
Lead	12.3	mg/kg	0.62	0.31	1	10/11/23 08:22	10/11/23 21:04	7439-92-1	
Selenium	0.46 U	mg/kg	0.93	0.46	1	10/11/23 08:22	10/11/23 21:04	7782-49-2	
Silver	0.094 I	mg/kg	0.31	0.068	1	10/11/23 08:22	10/11/23 21:04	7440-22-4	
7471 Mercury									
Analytical Method: EPA 7471 Preparation Method: EPA 7471									
Pace Analytical Services - Ormond Beach									
Mercury	0.012	mg/kg	0.0092	0.0046	1	10/10/23 09:31	10/11/23 10:37	7439-97-6	
8270 MSSV Full 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	10/04/23 09:57	10/05/23 15:31	83-32-9	
Acenaphthylene	0.0055 U	mg/kg	0.035	0.0055	1	10/04/23 09:57	10/05/23 15:31	208-96-8	
Aniline	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/05/23 15:31	62-53-3	J(M1)
Anthracene	0.0048 U	mg/kg	0.037	0.0048	1	10/04/23 09:57	10/05/23 15:31	120-12-7	
Benzo(a)anthracene	0.013 I	mg/kg	0.035	0.0047	1	10/04/23 09:57	10/05/23 15:31	56-55-3	
Benzo(a)pyrene	0.012 I	mg/kg	0.035	0.0087	1	10/04/23 09:57	10/05/23 15:31	50-32-8	
Benzo(b)fluoranthene	0.018 I	mg/kg	0.035	0.0093	1	10/04/23 09:57	10/05/23 15:31	205-99-2	
Benzo(g,h,i)perylene	0.0097 I	mg/kg	0.035	0.0088	1	10/04/23 09:57	10/05/23 15:31	191-24-2	
Benzo(k)fluoranthene	0.0093 U	mg/kg	0.035	0.0093	1	10/04/23 09:57	10/05/23 15:31	207-08-9	
Benzyl alcohol	0.036 U	mg/kg	0.18	0.036	1	10/04/23 09:57	10/05/23 15:31	100-51-6	J(M1)
4-Bromophenylphenyl ether	0.033 U	mg/kg	0.18	0.033	1	10/04/23 09:57	10/05/23 15:31	101-55-3	
Butylbenzylphthalate	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/05/23 15:31	85-68-7	
4-Chloro-3-methylphenol	0.10 U	mg/kg	0.69	0.10	1	10/04/23 09:57	10/05/23 15:31	59-50-7	
4-Chloroaniline	0.027 U	mg/kg	0.18	0.027	1	10/04/23 09:57	10/05/23 15:31	106-47-8	J(M1)
bis(2-Chloroethoxy)methane	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/05/23 15:31	111-91-1	
bis(2-Chloroethyl) ether	0.011 U	mg/kg	0.18	0.011	1	10/04/23 09:57	10/05/23 15:31	111-44-4	
bis(2-Chloroisopropyl) ether	0.035 U	mg/kg	0.18	0.035	1	10/04/23 09:57	10/05/23 15:31	108-60-1	J(CH), J(CU)
2-Chloronaphthalene	0.0083 U	mg/kg	0.18	0.0083	1	10/04/23 09:57	10/05/23 15:31	91-58-7	
2-Chlorophenol	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/05/23 15:31	95-57-8	J(M1)
4-Chlorophenylphenyl ether	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/05/23 15:31	7005-72-3	
Chrysene	0.012 I	mg/kg	0.035	0.0047	1	10/04/23 09:57	10/05/23 15:31	218-01-9	
Dibenz(a,h)anthracene	0.0081 U	mg/kg	0.035	0.0081	1	10/04/23 09:57	10/05/23 15:31	53-70-3	
Dibenzofuran	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/05/23 15:31	132-64-9	J(M1)
1,2-Dichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/05/23 15:31	95-50-1	J(M1)
1,3-Dichlorobenzene	0.034 U	mg/kg	0.18	0.034	1	10/04/23 09:57	10/05/23 15:31	541-73-1	
1,4-Dichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/05/23 15:31	106-46-7	
3,3'-Dichlorobenzidine	0.034 U	mg/kg	0.69	0.034	1	10/04/23 09:57	10/05/23 15:31	91-94-1	
2,4-Dichlorophenol	0.0078 U	mg/kg	0.18	0.0078	1	10/04/23 09:57	10/05/23 15:31	120-83-2	J(M1)
Diethylphthalate	0.059 U	mg/kg	0.18	0.059	1	10/04/23 09:57	10/05/23 15:31	84-66-2	

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 3 Lab ID: 35830894006 Collected: 09/28/23 12:15 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
2,4-Dimethylphenol	0.031 U	mg/kg	0.18	0.031	1	10/04/23 09:57	10/05/23 15:31	105-67-9	J(M1)
Dimethylphthalate	0.028 U	mg/kg	0.18	0.028	1	10/04/23 09:57	10/05/23 15:31	131-11-3	
Di-n-butylphthalate	0.14 U	mg/kg	0.18	0.14	1	10/04/23 09:57	10/05/23 15:31	84-74-2	
4,6-Dinitro-2-methylphenol	0.23 U	mg/kg	0.69	0.23	1	10/04/23 09:57	10/05/23 15:31	534-52-1	
2,4-Dinitrophenol	0.10 U	mg/kg	0.69	0.10	1	10/04/23 09:57	10/05/23 15:31	51-28-5	
2,4-Dinitrotoluene	0.024 U	mg/kg	0.18	0.024	1	10/04/23 09:57	10/05/23 15:31	121-14-2	
2,6-Dinitrotoluene	0.0085 U	mg/kg	0.18	0.0085	1	10/04/23 09:57	10/05/23 15:31	606-20-2	
Di-n-octylphthalate	0.043 U	mg/kg	0.18	0.043	1	10/04/23 09:57	10/05/23 15:31	117-84-0	
1,2-Diphenylhydrazine	0.038 U	mg/kg	0.18	0.038	1	10/04/23 09:57	10/05/23 15:31	122-66-7	
bis(2-Ethylhexyl)phthalate	0.036 U	mg/kg	0.18	0.036	1	10/04/23 09:57	10/05/23 15:31	117-81-7	
Fluoranthene	0.017 I	mg/kg	0.035	0.011	1	10/04/23 09:57	10/05/23 15:31	206-44-0	
Fluorene	0.012 U	mg/kg	0.038	0.012	1	10/04/23 09:57	10/05/23 15:31	86-73-7	
Hexachloro-1,3-butadiene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/05/23 15:31	87-68-3	
Hexachlorobenzene	0.0069 U	mg/kg	0.18	0.0069	1	10/04/23 09:57	10/05/23 15:31	118-74-1	
Hexachlorocyclopentadiene	0.13 U	mg/kg	0.69	0.13	1	10/04/23 09:57	10/05/23 15:31	77-47-4	J(v2)
Hexachloroethane	0.027 U	mg/kg	0.18	0.027	1	10/04/23 09:57	10/05/23 15:31	67-72-1	
Indeno(1,2,3-cd)pyrene	0.0080 U	mg/kg	0.035	0.0080	1	10/04/23 09:57	10/05/23 15:31	193-39-5	
Isophorone	0.030 U	mg/kg	0.18	0.030	1	10/04/23 09:57	10/05/23 15:31	78-59-1	
1-Methylnaphthalene	0.0058 U	mg/kg	0.041	0.0058	1	10/04/23 09:57	10/05/23 15:31	90-12-0	
2-Methylnaphthalene	0.0055 U	mg/kg	0.040	0.0055	1	10/04/23 09:57	10/05/23 15:31	91-57-6	
2-Methylphenol(o-Cresol)	0.0084 U	mg/kg	0.18	0.0084	1	10/04/23 09:57	10/05/23 15:31	95-48-7	J(M1)
3&4-Methylphenol(m&p Cresol)	0.0080 U	mg/kg	0.18	0.0080	1	10/04/23 09:57	10/05/23 15:31		J(M1)
Naphthalene	0.012 U	mg/kg	0.036	0.012	1	10/04/23 09:57	10/05/23 15:31	91-20-3	
2-Nitroaniline	0.044 U	mg/kg	0.18	0.044	1	10/04/23 09:57	10/05/23 15:31	88-74-4	
3-Nitroaniline	0.038 U	mg/kg	0.18	0.038	1	10/04/23 09:57	10/05/23 15:31	99-09-2	
4-Nitroaniline	0.0088 U	mg/kg	0.18	0.0088	1	10/04/23 09:57	10/05/23 15:31	100-01-6	
Nitrobenzene	0.012 U	mg/kg	0.18	0.012	1	10/04/23 09:57	10/05/23 15:31	98-95-3	
2-Nitrophenol	0.056 U	mg/kg	0.18	0.056	1	10/04/23 09:57	10/05/23 15:31	88-75-5	J(M1)
4-Nitrophenol	0.076 U	mg/kg	0.23	0.076	1	10/04/23 09:57	10/05/23 15:31	100-02-7	J(v2)
N-Nitrosodimethylamine	0.011 U	mg/kg	0.18	0.011	1	10/04/23 09:57	10/05/23 15:31	62-75-9	
N-Nitroso-di-n-propylamine	0.0068 U	mg/kg	0.18	0.0068	1	10/04/23 09:57	10/05/23 15:31	621-64-7	
N-Nitrosodiphenylamine	0.023 U	mg/kg	0.18	0.023	1	10/04/23 09:57	10/05/23 15:31	86-30-6	
Pentachlorophenol	0.090 U	mg/kg	0.69	0.090	1	10/04/23 09:57	10/05/23 15:31	87-86-5	J(v2)
Phenanthrene	0.0050 U	mg/kg	0.035	0.0050	1	10/04/23 09:57	10/05/23 15:31	85-01-8	
Phenol	0.033 U	mg/kg	0.18	0.033	1	10/04/23 09:57	10/05/23 15:31	108-95-2	
Pyrene	0.014 I	mg/kg	0.035	0.010	1	10/04/23 09:57	10/05/23 15:31	129-00-0	
1,2,4-Trichlorobenzene	0.025 U	mg/kg	0.18	0.025	1	10/04/23 09:57	10/05/23 15:31	120-82-1	J(M1)
2,4,5-Trichlorophenol	0.0069 U	mg/kg	0.18	0.0069	1	10/04/23 09:57	10/05/23 15:31	95-95-4	
2,4,6-Trichlorophenol	0.0095 U	mg/kg	0.18	0.0095	1	10/04/23 09:57	10/05/23 15:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	24-98		1	10/04/23 09:57	10/05/23 15:31	4165-60-0	
2-Fluorobiphenyl (S)	60	%	29-101		1	10/04/23 09:57	10/05/23 15:31	321-60-8	
p-Terphenyl-d14 (S)	82	%	29-112		1	10/04/23 09:57	10/05/23 15:31	1718-51-0	
Phenol-d6 (S)	58	%	10-104		1	10/04/23 09:57	10/05/23 15:31	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
 Pace Project No.: 35830894

Sample: DBV 3 Lab ID: 35830894006 Collected: 09/28/23 12:15 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Full List Microwave									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Pace Analytical Services - Ormond Beach									
Surrogates									
2-Fluorophenol (S)	56	%	19-95		1	10/04/23 09:57	10/05/23 15:31	367-12-4	
2,4,6-Tribromophenol (S)	72	%	23-110		1	10/04/23 09:57	10/05/23 15:31	118-79-6	
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
Acetone	0.0093 U	mg/kg	0.021	0.0093	1	10/03/23 19:03	10/04/23 06:37	67-64-1	
Acetonitrile	0.0063 U	mg/kg	0.021	0.0063	1	10/03/23 19:03	10/04/23 06:37	75-05-8	J(v2)
Benzene	0.00042 U	mg/kg	0.0021	0.00042	1	10/03/23 19:03	10/04/23 06:37	71-43-2	
Bromochloromethane	0.00031 U	mg/kg	0.0021	0.00031	1	10/03/23 19:03	10/04/23 06:37	74-97-5	
Bromodichloromethane	0.00046 U	mg/kg	0.0021	0.00046	1	10/03/23 19:03	10/04/23 06:37	75-27-4	
Bromoform	0.00046 U	mg/kg	0.0021	0.00046	1	10/03/23 19:03	10/04/23 06:37	75-25-2	
Bromomethane	0.00076 U	mg/kg	0.0021	0.00076	1	10/03/23 19:03	10/04/23 06:37	74-83-9	
2-Butanone (MEK)	0.0021 U	mg/kg	0.021	0.0021	1	10/03/23 19:03	10/04/23 06:37	78-93-3	
Carbon disulfide	0.0011 U	mg/kg	0.0021	0.0011	1	10/03/23 19:03	10/04/23 06:37	75-15-0	J(v2)
Carbon tetrachloride	0.00051 U	mg/kg	0.0021	0.00051	1	10/03/23 19:03	10/04/23 06:37	56-23-5	
Chlorobenzene	0.00039 U	mg/kg	0.0021	0.00039	1	10/03/23 19:03	10/04/23 06:37	108-90-7	
Chloroethane	0.00089 U	mg/kg	0.0021	0.00089	1	10/03/23 19:03	10/04/23 06:37	75-00-3	
Chloroform	0.00077 U	mg/kg	0.0021	0.00077	1	10/03/23 19:03	10/04/23 06:37	67-66-3	
Chloromethane	0.00082 U	mg/kg	0.0021	0.00082	1	10/03/23 19:03	10/04/23 06:37	74-87-3	J(v2)
1,2-Dibromo-3-chloropropane	0.00051 U	mg/kg	0.0021	0.00051	1	10/03/23 19:03	10/04/23 06:37	96-12-8	
Dibromochloromethane	0.00037 U	mg/kg	0.0021	0.00037	1	10/03/23 19:03	10/04/23 06:37	124-48-1	
1,2-Dibromoethane (EDB)	0.00031 U	mg/kg	0.0021	0.00031	1	10/03/23 19:03	10/04/23 06:37	106-93-4	
Dibromomethane	0.00030 U	mg/kg	0.0021	0.00030	1	10/03/23 19:03	10/04/23 06:37	74-95-3	
1,2-Dichlorobenzene	0.00032 U	mg/kg	0.0021	0.00032	1	10/03/23 19:03	10/04/23 06:37	95-50-1	
1,4-Dichlorobenzene	0.00028 U	mg/kg	0.0021	0.00028	1	10/03/23 19:03	10/04/23 06:37	106-46-7	
trans-1,4-Dichloro-2-butene	0.00051 U	mg/kg	0.0021	0.00051	1	10/03/23 19:03	10/04/23 06:37	110-57-6	
1,1-Dichloroethane	0.00041 U	mg/kg	0.0021	0.00041	1	10/03/23 19:03	10/04/23 06:37	75-34-3	
1,2-Dichloroethane	0.00033 U	mg/kg	0.0021	0.00033	1	10/03/23 19:03	10/04/23 06:37	107-06-2	
1,2-Dichloroethene (Total)	0.0013 U	mg/kg	0.0021	0.0013	1	10/03/23 19:03	10/04/23 06:37	540-59-0	
1,1-Dichloroethene	0.0011 U	mg/kg	0.0021	0.0011	1	10/03/23 19:03	10/04/23 06:37	75-35-4	
cis-1,2-Dichloroethene	0.00046 U	mg/kg	0.0021	0.00046	1	10/03/23 19:03	10/04/23 06:37	156-59-2	
trans-1,2-Dichloroethene	0.00055 U	mg/kg	0.0021	0.00055	1	10/03/23 19:03	10/04/23 06:37	156-60-5	
1,2-Dichloropropane	0.00039 U	mg/kg	0.0021	0.00039	1	10/03/23 19:03	10/04/23 06:37	78-87-5	J(v2)
cis-1,3-Dichloropropene	0.00042 U	mg/kg	0.0021	0.00042	1	10/03/23 19:03	10/04/23 06:37	10061-01-5	
trans-1,3-Dichloropropene	0.00042 U	mg/kg	0.0021	0.00042	1	10/03/23 19:03	10/04/23 06:37	10061-02-6	
Ethylbenzene	0.00051 U	mg/kg	0.0021	0.00051	1	10/03/23 19:03	10/04/23 06:37	100-41-4	
2-Hexanone	0.0021 U	mg/kg	0.011	0.0021	1	10/03/23 19:03	10/04/23 06:37	591-78-6	
Iodomethane	0.00046 U	mg/kg	0.0042	0.00046	1	10/03/23 19:03	10/04/23 06:37	74-88-4	
Isopropylbenzene (Cumene)	0.00055 U	mg/kg	0.0021	0.00055	1	10/03/23 19:03	10/04/23 06:37	98-82-8	
Methylene Chloride	0.0019 U	mg/kg	0.0021	0.0019	1	10/03/23 19:03	10/04/23 06:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	0.0021 U	mg/kg	0.011	0.0021	1	10/03/23 19:03	10/04/23 06:37	108-10-1	
Methyl-tert-butyl ether	0.00063 U	mg/kg	0.0021	0.00063	1	10/03/23 19:03	10/04/23 06:37	1634-04-4	
Styrene	0.0011 U	mg/kg	0.0021	0.0011	1	10/03/23 19:03	10/04/23 06:37	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Soil
Pace Project No.: 35830894

Sample: DBV 3 Lab ID: 35830894006 Collected: 09/28/23 12:15 Received: 09/29/23 11:53 Matrix: Solid

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

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035									
Analytical Method: EPA 8260 Preparation Method: EPA 5035									
Pace Analytical Services - Ormond Beach									
1,1,1,2-Tetrachloroethane	0.00042 U	mg/kg	0.0021	0.00042	1	10/03/23 19:03	10/04/23 06:37	630-20-6	
1,1,2,2-Tetrachloroethane	0.00026 U	mg/kg	0.0021	0.00026	1	10/03/23 19:03	10/04/23 06:37	79-34-5	
Tetrachloroethene	0.00051 U	mg/kg	0.0021	0.00051	1	10/03/23 19:03	10/04/23 06:37	127-18-4	
Toluene	0.00084 U	mg/kg	0.0021	0.00084	1	10/03/23 19:03	10/04/23 06:37	108-88-3	
1,1,1-Trichloroethane	0.00055 U	mg/kg	0.0021	0.00055	1	10/03/23 19:03	10/04/23 06:37	71-55-6	
1,1,2-Trichloroethane	0.00025 U	mg/kg	0.0021	0.00025	1	10/03/23 19:03	10/04/23 06:37	79-00-5	
Trichloroethene	0.00051 U	mg/kg	0.0021	0.00051	1	10/03/23 19:03	10/04/23 06:37	79-01-6	
Trichlorofluoromethane	0.0011 U	mg/kg	0.0021	0.0011	1	10/03/23 19:03	10/04/23 06:37	75-69-4	
1,2,3-Trichloropropane	0.00063 U	mg/kg	0.0021	0.00063	1	10/03/23 19:03	10/04/23 06:37	96-18-4	
Vinyl acetate	0.00068 U	mg/kg	0.0021	0.00068	1	10/03/23 19:03	10/04/23 06:37	108-05-4	
Vinyl chloride	0.00088 U	mg/kg	0.0021	0.00088	1	10/03/23 19:03	10/04/23 06:37	75-01-4	J(v2)
Xylene (Total)	0.0022 U	mg/kg	0.0063	0.0022	1	10/03/23 19:03	10/04/23 06:37	1330-20-7	
m&p-Xylene	0.0022 U	mg/kg	0.0042	0.0022	1	10/03/23 19:03	10/04/23 06:37	179601-23-1	
o-Xylene	0.00041 U	mg/kg	0.0021	0.00041	1	10/03/23 19:03	10/04/23 06:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	68-125		1	10/03/23 19:03	10/04/23 06:37	460-00-4	
Toluene-d8 (S)	118	%	70-130		1	10/03/23 19:03	10/04/23 06:37	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1	10/03/23 19:03	10/04/23 06:37	2199-69-1	

Percent Moisture

Analytical Method: ASTM D2974-87
Pace Analytical Services - Ormond Beach

Percent Moisture	3.9	%	0.10	0.10	1		10/12/23 07:55		
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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

QC Batch: 956646 Analysis Method: EPA 7471
 QC Batch Method: EPA 7471 Analysis Description: 7471 Mercury
 Laboratory: Pace Analytical Services - Ormond Beach
 Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

METHOD BLANK: 5260929 Matrix: Solid
 Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/kg	0.0045 U	0.0091	0.0045	10/11/23 10:03	

LABORATORY CONTROL SAMPLE: 5260930

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.095	0.089	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5260931 5260932

Parameter	Units	5260931		5260932		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Mercury	mg/kg	0.0074 I	0.1	0.097	0.10	0.099	94	95	80-120	6	20	

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QUALITY CONTROL DATA

Project: Soil
Pace Project No.: 35830894

QC Batch: 957035 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET Solid
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

METHOD BLANK: 5263095 Matrix: Solid
Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/kg	0.30 U	0.60	0.30	10/11/23 20:19	
Barium	mg/kg	0.10 U	0.60	0.10	10/11/23 20:19	
Cadmium	mg/kg	0.030 U	0.060	0.030	10/11/23 20:19	
Chromium	mg/kg	0.15 U	0.30	0.15	10/11/23 20:19	
Lead	mg/kg	0.30 U	0.60	0.30	10/11/23 20:19	
Selenium	mg/kg	0.45 U	0.90	0.45	10/11/23 20:19	
Silver	mg/kg	0.066 U	0.30	0.066	10/11/23 20:19	

LABORATORY CONTROL SAMPLE: 5263096

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	13.5	12.3	91	80-120	
Barium	mg/kg	13.5	13.9	102	80-120	
Cadmium	mg/kg	1.4	1.4	101	80-120	
Chromium	mg/kg	13.5	13.9	103	80-120	
Lead	mg/kg	13.5	13.8	102	80-120	
Selenium	mg/kg	13.5	11.6	86	80-120	
Silver	mg/kg	1.4	1.3	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5263097 5263098

Parameter	Units	35830894001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	% Rec					
Arsenic	mg/kg	0.33 U	15.9	15.7	13.7	12.9	86	82	75-125	6	20		
Barium	mg/kg	5.2	15.9	15.7	23.8	31.5	118	168	75-125	28	20	J(M1), J(R1)	
Cadmium	mg/kg	0.076	1.6	1.6	1.6	1.5	96	92	75-125	5	20		
Chromium	mg/kg	3.3	15.9	15.7	20.7	23.4	110	128	75-125	12	20	J(M1)	
Lead	mg/kg	1.4	15.9	15.7	17.6	18.0	102	106	75-125	2	20		
Selenium	mg/kg	0.50 U	15.9	15.7	13.2	12.2	83	78	75-125	7	20		
Silver	mg/kg	0.074 U	1.6	1.6	1.5	1.4	97	91	75-125	7	20		

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QUALITY CONTROL DATA

Project: Soil
Pace Project No.: 35830894

QC Batch: 954898 Analysis Method: EPA 8260
QC Batch Method: EPA 5035 Analysis Description: 8260 MSV 5035
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

METHOD BLANK: 5250893 Matrix: Solid
Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

Table with 7 columns: Parameter, Units, Blank Result, Reporting Limit, MDL, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

METHOD BLANK: 5250893 Matrix: Solid
 Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
o-Xylene	mg/kg	0.00096 U	0.0050	0.00096	10/03/23 23:36	
Styrene	mg/kg	0.0025 U	0.0050	0.0025	10/03/23 23:36	
Tetrachloroethene	mg/kg	0.0012 U	0.0050	0.0012	10/03/23 23:36	
Toluene	mg/kg	0.0020 U	0.0050	0.0020	10/03/23 23:36	
trans-1,2-Dichloroethene	mg/kg	0.0013 U	0.0050	0.0013	10/03/23 23:36	
trans-1,3-Dichloropropene	mg/kg	0.00099 U	0.0050	0.00099	10/03/23 23:36	
trans-1,4-Dichloro-2-butene	mg/kg	0.0012 U	0.0050	0.0012	10/03/23 23:36	
Trichloroethene	mg/kg	0.0012 U	0.0050	0.0012	10/03/23 23:36	
Trichlorofluoromethane	mg/kg	0.0025 U	0.0050	0.0025	10/03/23 23:36	
Vinyl acetate	mg/kg	0.0016 U	0.0050	0.0016	10/03/23 23:36	
Vinyl chloride	mg/kg	0.0021 U	0.0050	0.0021	10/03/23 23:36	J(v2)
Xylene (Total)	mg/kg	0.0051 U	0.015	0.0051	10/03/23 23:36	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130		10/03/23 23:36	
4-Bromofluorobenzene (S)	%	112	68-125		10/03/23 23:36	
Toluene-d8 (S)	%	94	70-130		10/03/23 23:36	

LABORATORY CONTROL SAMPLE: 5250894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.02	0.023	114	70-130	
1,1,1-Trichloroethane	mg/kg	0.02	0.020	100	70-130	
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.019	97	70-130	
1,1,2-Trichloroethane	mg/kg	0.02	0.022	110	70-130	
1,1-Dichloroethane	mg/kg	0.02	0.019	96	70-130	
1,1-Dichloroethene	mg/kg	0.02	0.016	80	62-131	
1,2,3-Trichloropropane	mg/kg	0.02	0.017	87	72-137	
1,2-Dibromo-3-chloropropane	mg/kg	0.02	0.019	97	65-132	
1,2-Dibromoethane (EDB)	mg/kg	0.02	0.022	109	70-130	
1,2-Dichlorobenzene	mg/kg	0.02	0.022	109	70-130	
1,2-Dichloroethane	mg/kg	0.02	0.019	94	70-130	
1,2-Dichloroethene (Total)	mg/kg	0.04	0.038	95	70-130	
1,2-Dichloropropane	mg/kg	0.02	0.016	78	70-130	J(v3)
1,4-Dichlorobenzene	mg/kg	0.02	0.022	110	70-130	
2-Butanone (MEK)	mg/kg	0.1	0.087	87	64-121	
2-Hexanone	mg/kg	0.1	0.089	89	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.1	0.090	90	70-130	
Acetone	mg/kg	0.1	0.081	81	68-146	
Acetonitrile	mg/kg	0.1	0.076	76	68-131	J(v3)
Benzene	mg/kg	0.02	0.019	94	70-130	
Bromochloromethane	mg/kg	0.02	0.023	113	70-130	
Bromodichloromethane	mg/kg	0.02	0.018	90	70-130	
Bromoform	mg/kg	0.02	0.023	116	54-129	
Bromomethane	mg/kg	0.02	0.017	85	58-144	
Carbon disulfide	mg/kg	0.02	0.015	74	57-133	J(v3)

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

LABORATORY CONTROL SAMPLE: 5250894

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	mg/kg	0.02	0.021	107	63-137	
Chlorobenzene	mg/kg	0.02	0.022	111	70-130	
Chloroethane	mg/kg	0.02	0.019	96	40-165	
Chloroform	mg/kg	0.02	0.020	99	70-130	
Chloromethane	mg/kg	0.02	0.014	71	64-127	J(v3)
cis-1,2-Dichloroethene	mg/kg	0.02	0.019	95	70-130	
cis-1,3-Dichloropropene	mg/kg	0.02	0.021	107	70-130	
Dibromochloromethane	mg/kg	0.02	0.022	111	70-130	
Dibromomethane	mg/kg	0.02	0.020	101	70-130	
Ethylbenzene	mg/kg	0.02	0.020	101	70-130	
Iodomethane	mg/kg	0.02	0.017	87	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.02	0.021	106	70-130	
m&p-Xylene	mg/kg	0.04	0.042	104	70-130	
Methyl-tert-butyl ether	mg/kg	0.02	0.020	100	65-124	
Methylene Chloride	mg/kg	0.02	0.017	84	51-142	
o-Xylene	mg/kg	0.02	0.021	103	70-130	
Styrene	mg/kg	0.02	0.022	110	70-130	
Tetrachloroethene	mg/kg	0.02	0.023	116	70-130	
Toluene	mg/kg	0.02	0.020	100	70-130	
trans-1,2-Dichloroethene	mg/kg	0.02	0.019	94	70-130	
trans-1,3-Dichloropropene	mg/kg	0.02	0.021	104	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.02	0.019	96	65-142	
Trichloroethene	mg/kg	0.02	0.019	96	70-130	
Trichlorofluoromethane	mg/kg	0.02	0.019	95	60-148	
Vinyl acetate	mg/kg	0.02	0.019	97	70-130	
Vinyl chloride	mg/kg	0.02	0.015	77	69-124	J(v3)
Xylene (Total)	mg/kg	0.06	0.062	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			112	68-125	
Toluene-d8 (S)	%			119	70-130	

MATRIX SPIKE SAMPLE: 5250901

Parameter	Units	35830894002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00070	U	0.012	0.014	107	70-130
1,1,1-Trichloroethane	mg/kg	0.00091	U	0.012	0.017	137	70-130 J(M1)
1,1,2,2-Tetrachloroethane	mg/kg	0.00043	U	0.012	0.011	88	70-130
1,1,2-Trichloroethane	mg/kg	0.00042	U	0.012	0.015	119	70-130
1,1-Dichloroethane	mg/kg	0.00069	U	0.012	0.016	129	70-130
1,1-Dichloroethene	mg/kg	0.0018	U	0.012	0.014	110	62-131
1,2,3-Trichloropropane	mg/kg	0.0011	U	0.012	0.011	87	72-137
1,2-Dibromo-3-chloropropane	mg/kg	0.00084	U	0.012	0.0089	70	65-132
1,2-Dibromoethane (EDB)	mg/kg	0.00052	U	0.012	0.014	111	70-130
1,2-Dichlorobenzene	mg/kg	0.00053	U	0.012	0.0073	57	70-130 J(M1)
1,2-Dichloroethane	mg/kg	0.00054	U	0.012	0.015	116	70-130

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

MATRIX SPIKE SAMPLE: 5250901		35830894002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethene (Total)	mg/kg	0.0021 U	0.025	0.031	121	70-130	
1,2-Dichloropropane	mg/kg	0.00065 U	0.012	0.012	94	70-130	J(v3)
1,4-Dichlorobenzene	mg/kg	0.00047 U	0.012	0.0068	54	70-130	J(M1)
2-Butanone (MEK)	mg/kg	0.0035 U	0.063	0.055	86	64-121	
2-Hexanone	mg/kg	0.0035 U	0.063	0.043	68	59-137	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0035 U	0.063	0.064	100	70-130	
Acetone	mg/kg	0.015 U	0.063	0.057	83	68-146	
Acetonitrile	mg/kg	0.010 U	0.063	0.064	101	68-131	J(v3)
Benzene	mg/kg	0.00070 U	0.012	0.015	114	70-130	
Bromochloromethane	mg/kg	0.00052 U	0.012	0.017	136	70-130	J(M1)
Bromodichloromethane	mg/kg	0.00077 U	0.012	0.013	101	70-130	
Bromoform	mg/kg	0.00077 U	0.012	0.012	94	54-129	
Bromomethane	mg/kg	0.0013 U	0.012	0.011	90	58-144	
Carbon disulfide	mg/kg	0.0018 U	0.012	0.013	103	57-133	J(v3)
Carbon tetrachloride	mg/kg	0.00084 U	0.012	0.018	142	63-137	J(M1)
Chlorobenzene	mg/kg	0.00065 U	0.012	0.012	94	70-130	
Chloroethane	mg/kg	0.0015 U	0.012	0.016	127	40-165	
Chloroform	mg/kg	0.0013 U	0.012	0.016	120	70-130	
Chloromethane	mg/kg	0.0014 U	0.012	0.012	97	64-127	
cis-1,2-Dichloroethene	mg/kg	0.00077 U	0.012	0.016	122	70-130	
cis-1,3-Dichloropropene	mg/kg	0.00070 U	0.012	0.013	100	70-130	
Dibromochloromethane	mg/kg	0.00061 U	0.012	0.014	109	70-130	
Dibromomethane	mg/kg	0.00050 U	0.012	0.015	117	70-130	
Ethylbenzene	mg/kg	0.00084 U	0.012	0.011	89	70-130	
Iodomethane	mg/kg	0.00077 U	0.012	0.0086	68	58-137	
Isopropylbenzene (Cumene)	mg/kg	0.00091 U	0.012	0.010	81	70-130	
m&p-Xylene	mg/kg	0.0036 U	0.025	0.021	82	70-130	
Methyl-tert-butyl ether	mg/kg	0.0011 U	0.012	0.017	131	65-124	J(M1)
Methylene Chloride	mg/kg	0.0031 U	0.012	0.014	107	51-142	
o-Xylene	mg/kg	0.00068 U	0.012	0.010	82	70-130	
Styrene	mg/kg	0.0018 U	0.012	0.0097	76	70-130	
Tetrachloroethene	mg/kg	0.00084 U	0.012	0.016	123	70-130	
Toluene	mg/kg	0.0014 U	0.012	0.014	109	70-130	
trans-1,2-Dichloroethene	mg/kg	0.00091 U	0.012	0.015	121	70-130	
trans-1,3-Dichloropropene	mg/kg	0.00070 U	0.012	0.012	98	70-130	
trans-1,4-Dichloro-2-butene	mg/kg	0.00084 U	0.012	0.0074	58	65-142	J(M1)
Trichloroethene	mg/kg	0.00084 U	0.012	0.014	108	70-130	
Trichlorofluoromethane	mg/kg	0.0018 U	0.012	0.021	165	60-148	J(M1)
Vinyl acetate	mg/kg	0.0011 U	0.012	0.0018 I	14	70-130	J(M1)
Vinyl chloride	mg/kg	0.0015 U	0.012	0.015	117	69-124	J(v3)
Xylene (Total)	mg/kg	0.0036 U	0.038	0.031	82	70-130	
1,2-Dichlorobenzene-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				108	68-125	
Toluene-d8 (S)	%				114	70-130	

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

SAMPLE DUPLICATE: 5250900

Parameter	Units	35830894001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	mg/kg	0.00054 U	0.00055 U		40	
1,1,1-Trichloroethane	mg/kg	0.00070 U	0.00072 U		40	
1,1,2,2-Tetrachloroethane	mg/kg	0.00033 U	0.00034 U		40	
1,1,2-Trichloroethane	mg/kg	0.00032 U	0.00033 U		40	
1,1-Dichloroethane	mg/kg	0.00052 U	0.00054 U		40	
1,1-Dichloroethene	mg/kg	0.0013 U	0.0014 U		40	
1,2,3-Trichloropropane	mg/kg	0.00080 U	0.00083 U		40	
1,2-Dibromo-3-chloropropane	mg/kg	0.00064 U	0.00067 U		40	
1,2-Dibromoethane (EDB)	mg/kg	0.00040 U	0.00041 U		40	
1,2-Dichlorobenzene	mg/kg	0.00041 U	0.00042 U		40	
1,2-Dichloroethane	mg/kg	0.00041 U	0.00043 U		40	
1,2-Dichloroethene (Total)	mg/kg	0.0016 U	0.0017 U		40	
1,2-Dichloropropane	mg/kg	0.00049 U	0.00051 U		40	J(v2)
1,4-Dichlorobenzene	mg/kg	0.00036 U	0.00037 U		40	
2-Butanone (MEK)	mg/kg	0.0027 U	0.0028 U		40	
2-Hexanone	mg/kg	0.0027 U	0.0028 U		40	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0027 U	0.0028 U		40	
Acetone	mg/kg	0.012 U	0.012 U		40	
Acetonitrile	mg/kg	0.0079 U	0.0082 U		40	J(v2)
Benzene	mg/kg	0.00054 U	0.00055 U		40	
Bromochloromethane	mg/kg	0.00040 U	0.00041 U		40	
Bromodichloromethane	mg/kg	0.00059 U	0.00061 U		40	
Bromoform	mg/kg	0.00059 U	0.00061 U		40	
Bromomethane	mg/kg	0.00096 U	0.0010 U		40	
Carbon disulfide	mg/kg	0.0013 U	0.0014 U		40	J(v2)
Carbon tetrachloride	mg/kg	0.00064 U	0.00067 U		40	
Chlorobenzene	mg/kg	0.00050 U	0.00052 U		40	
Chloroethane	mg/kg	0.0011 U	0.0012 U		40	
Chloroform	mg/kg	0.00098 U	0.0010 U		40	
Chloromethane	mg/kg	0.0010 U	0.0011 U		40	J(v2)
cis-1,2-Dichloroethene	mg/kg	0.00059 U	0.00061 U		40	
cis-1,3-Dichloropropene	mg/kg	0.00054 U	0.00055 U		40	
Dibromochloromethane	mg/kg	0.00047 U	0.00048 U		40	
Dibromomethane	mg/kg	0.00038 U	0.00039 U		40	
Ethylbenzene	mg/kg	0.00064 U	0.00067 U		40	
Iodomethane	mg/kg	0.00059 U	0.00061 U		40	
Isopropylbenzene (Cumene)	mg/kg	0.00070 U	0.00072 U		40	
m&p-Xylene	mg/kg	0.0028 U	0.0029 U		40	
Methyl-tert-butyl ether	mg/kg	0.00080 U	0.00083 U		40	
Methylene Chloride	mg/kg	0.0024 U	0.0024 U		40	
o-Xylene	mg/kg	0.00051 U	0.00053 U		40	
Styrene	mg/kg	0.0013 U	0.0014 U		40	
Tetrachloroethene	mg/kg	0.00064 U	0.00067 U		40	
Toluene	mg/kg	0.0011 U	0.0011 U		40	
trans-1,2-Dichloroethene	mg/kg	0.00070 U	0.00072 U		40	
trans-1,3-Dichloropropene	mg/kg	0.00053 U	0.00055 U		40	
trans-1,4-Dichloro-2-butene	mg/kg	0.00064 U	0.00067 U		40	

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QUALITY CONTROL DATA

Project: Soil
Pace Project No.: 35830894

SAMPLE DUPLICATE: 5250900

Parameter	Units	35830894001 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichloroethene	mg/kg	0.00064 U	0.00067 U		40	
Trichlorofluoromethane	mg/kg	0.0013 U	0.0014 U		40	
Vinyl acetate	mg/kg	0.00086 U	0.00089 U		40	
Vinyl chloride	mg/kg	0.0011 U	0.0012 U		40	J(v2)
Xylene (Total)	mg/kg	0.0028 U	0.0029 U		40	
1,2-Dichlorobenzene-d4 (S)	%	99	99		40	
4-Bromofluorobenzene (S)	%	112	109		40	
Toluene-d8 (S)	%	116	115		40	

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QUALITY CONTROL DATA

Project: Soil
Pace Project No.: 35830894

QC Batch: 955006 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid Full List MSSV Microwave
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

METHOD BLANK: 5251536 Matrix: Solid
Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	0.024 U	0.17	0.024	10/05/23 13:50	
1,2-Dichlorobenzene	mg/kg	0.024 U	0.17	0.024	10/05/23 13:50	
1,2-Diphenylhydrazine	mg/kg	0.037 U	0.17	0.037	10/05/23 13:50	
1,3-Dichlorobenzene	mg/kg	0.033 U	0.17	0.033	10/05/23 13:50	
1,4-Dichlorobenzene	mg/kg	0.024 U	0.17	0.024	10/05/23 13:50	
1-Methylnaphthalene	mg/kg	0.0056 U	0.040	0.0056	10/05/23 13:50	
2,4,5-Trichlorophenol	mg/kg	0.0067 U	0.17	0.0067	10/05/23 13:50	
2,4,6-Trichlorophenol	mg/kg	0.0092 U	0.17	0.0092	10/05/23 13:50	
2,4-Dichlorophenol	mg/kg	0.0075 U	0.17	0.0075	10/05/23 13:50	
2,4-Dimethylphenol	mg/kg	0.030 U	0.17	0.030	10/05/23 13:50	
2,4-Dinitrophenol	mg/kg	0.10 U	0.67	0.10	10/05/23 13:50	
2,4-Dinitrotoluene	mg/kg	0.023 U	0.17	0.023	10/05/23 13:50	
2,6-Dinitrotoluene	mg/kg	0.0082 U	0.17	0.0082	10/05/23 13:50	
2-Chloronaphthalene	mg/kg	0.0080 U	0.17	0.0080	10/05/23 13:50	
2-Chlorophenol	mg/kg	0.027 U	0.17	0.027	10/05/23 13:50	
2-Methylnaphthalene	mg/kg	0.0053 U	0.039	0.0053	10/05/23 13:50	
2-Methylphenol(o-Cresol)	mg/kg	0.0081 U	0.17	0.0081	10/05/23 13:50	
2-Nitroaniline	mg/kg	0.042 U	0.17	0.042	10/05/23 13:50	
2-Nitrophenol	mg/kg	0.054 U	0.17	0.054	10/05/23 13:50	
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0077 U	0.17	0.0077	10/05/23 13:50	
3,3'-Dichlorobenzidine	mg/kg	0.033 U	0.67	0.033	10/05/23 13:50	
3-Nitroaniline	mg/kg	0.037 U	0.17	0.037	10/05/23 13:50	
4,6-Dinitro-2-methylphenol	mg/kg	0.22 U	0.67	0.22	10/05/23 13:50	
4-Bromophenylphenyl ether	mg/kg	0.032 U	0.17	0.032	10/05/23 13:50	
4-Chloro-3-methylphenol	mg/kg	0.10 U	0.67	0.10	10/05/23 13:50	
4-Chloroaniline	mg/kg	0.026 U	0.17	0.026	10/05/23 13:50	
4-Chlorophenylphenyl ether	mg/kg	0.024 U	0.17	0.024	10/05/23 13:50	
4-Nitroaniline	mg/kg	0.0085 U	0.17	0.0085	10/05/23 13:50	
4-Nitrophenol	mg/kg	0.073 U	0.22	0.073	10/05/23 13:50	J(v2)
Acenaphthene	mg/kg	0.016 U	0.036	0.016	10/05/23 13:50	
Acenaphthylene	mg/kg	0.0053 U	0.034	0.0053	10/05/23 13:50	
Aniline	mg/kg	0.033 U	0.17	0.033	10/05/23 13:50	
Anthracene	mg/kg	0.0046 U	0.036	0.0046	10/05/23 13:50	
Benzo(a)anthracene	mg/kg	0.0045 U	0.034	0.0045	10/05/23 13:50	
Benzo(a)pyrene	mg/kg	0.0084 U	0.034	0.0084	10/05/23 13:50	
Benzo(b)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	10/05/23 13:50	
Benzo(g,h,i)perylene	mg/kg	0.0085 U	0.034	0.0085	10/05/23 13:50	
Benzo(k)fluoranthene	mg/kg	0.0090 U	0.034	0.0090	10/05/23 13:50	
Benzyl alcohol	mg/kg	0.035 U	0.17	0.035	10/05/23 13:50	
bis(2-Chloroethoxy)methane	mg/kg	0.024 U	0.17	0.024	10/05/23 13:50	

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

METHOD BLANK: 5251536 Matrix: Solid
 Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	mg/kg	0.011 U	0.17	0.011	10/05/23 13:50	
bis(2-Chloroisopropyl) ether	mg/kg	0.034 U	0.17	0.034	10/05/23 13:50	J(CU)
bis(2-Ethylhexyl)phthalate	mg/kg	0.035 U	0.17	0.035	10/05/23 13:50	
Butylbenzylphthalate	mg/kg	0.034 U	0.17	0.034	10/05/23 13:50	
Chrysene	mg/kg	0.0045 U	0.034	0.0045	10/05/23 13:50	
Di-n-butylphthalate	mg/kg	0.13 U	0.17	0.13	10/05/23 13:50	
Di-n-octylphthalate	mg/kg	0.041 U	0.17	0.041	10/05/23 13:50	
Dibenz(a,h)anthracene	mg/kg	0.0078 U	0.034	0.0078	10/05/23 13:50	
Dibenzofuran	mg/kg	0.023 U	0.17	0.023	10/05/23 13:50	
Diethylphthalate	mg/kg	0.057 U	0.17	0.057	10/05/23 13:50	
Dimethylphthalate	mg/kg	0.027 U	0.17	0.027	10/05/23 13:50	
Fluoranthene	mg/kg	0.011 U	0.034	0.011	10/05/23 13:50	
Fluorene	mg/kg	0.012 U	0.037	0.012	10/05/23 13:50	
Hexachloro-1,3-butadiene	mg/kg	0.012 U	0.17	0.012	10/05/23 13:50	
Hexachlorobenzene	mg/kg	0.0066 U	0.17	0.0066	10/05/23 13:50	
Hexachlorocyclopentadiene	mg/kg	0.12 U	0.67	0.12	10/05/23 13:50	J(v2)
Hexachloroethane	mg/kg	0.026 U	0.17	0.026	10/05/23 13:50	
Indeno(1,2,3-cd)pyrene	mg/kg	0.0077 U	0.034	0.0077	10/05/23 13:50	
Isophorone	mg/kg	0.029 U	0.17	0.029	10/05/23 13:50	
N-Nitroso-di-n-propylamine	mg/kg	0.0066 U	0.17	0.0066	10/05/23 13:50	
N-Nitrosodimethylamine	mg/kg	0.011 U	0.17	0.011	10/05/23 13:50	
N-Nitrosodiphenylamine	mg/kg	0.022 U	0.17	0.022	10/05/23 13:50	
Naphthalene	mg/kg	0.012 U	0.035	0.012	10/05/23 13:50	
Nitrobenzene	mg/kg	0.011 U	0.17	0.011	10/05/23 13:50	
Pentachlorophenol	mg/kg	0.087 U	0.67	0.087	10/05/23 13:50	J(v2)
Phenanthrene	mg/kg	0.0048 U	0.034	0.0048	10/05/23 13:50	
Phenol	mg/kg	0.032 U	0.17	0.032	10/05/23 13:50	
Pyrene	mg/kg	0.0099 U	0.034	0.0099	10/05/23 13:50	
2,4,6-Tribromophenol (S)	%	76	23-110		10/05/23 13:50	
2-Fluorobiphenyl (S)	%	72	29-101		10/05/23 13:50	
2-Fluorophenol (S)	%	73	19-95		10/05/23 13:50	
Nitrobenzene-d5 (S)	%	79	24-98		10/05/23 13:50	
p-Terphenyl-d14 (S)	%	97	29-112		10/05/23 13:50	
Phenol-d6 (S)	%	73	10-104		10/05/23 13:50	

LABORATORY CONTROL SAMPLE: 5251537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	mg/kg	1.7	1.1	65	47-93	
1,2-Dichlorobenzene	mg/kg	1.7	1.1	64	46-91	
1,2-Diphenylhydrazine	mg/kg	1.7	1.3	77	47-100	
1,3-Dichlorobenzene	mg/kg	1.7	1.1	66	46-91	
1,4-Dichlorobenzene	mg/kg	1.7	1.1	68	45-92	
1-Methylnaphthalene	mg/kg	1.7	1.1	66	38-115	

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

LABORATORY CONTROL SAMPLE: 5251537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-Trichlorophenol	mg/kg	1.7	1.0	60	51-99	
2,4,6-Trichlorophenol	mg/kg	1.7	1.1	65	51-98	
2,4-Dichlorophenol	mg/kg	1.7	1.1	66	50-96	
2,4-Dimethylphenol	mg/kg	1.7	1.0	61	49-96	
2,4-Dinitrophenol	mg/kg	1.7	0.96	58	10-126	
2,4-Dinitrotoluene	mg/kg	1.7	1.3	80	54-108	
2,6-Dinitrotoluene	mg/kg	1.7	1.2	71	52-103	
2-Chloronaphthalene	mg/kg	1.7	1.1	65	46-96	
2-Chlorophenol	mg/kg	1.7	1.1	64	48-92	
2-Methylnaphthalene	mg/kg	1.7	1.1	66	37-115	
2-Methylphenol(o-Cresol)	mg/kg	1.7	1.1	65	49-93	
2-Nitroaniline	mg/kg	1.7	1.2	71	53-104	
2-Nitrophenol	mg/kg	1.7	1.2	71	51-100	
3&4-Methylphenol(m&p Cresol)	mg/kg	1.7	1.1	66	49-94	
3,3'-Dichlorobenzidine	mg/kg	1.7	1.3	79	53-106	
3-Nitroaniline	mg/kg	1.7	1.3	76	51-104	
4,6-Dinitro-2-methylphenol	mg/kg	1.7	1.2	73	32-123	
4-Bromophenylphenyl ether	mg/kg	1.7	1.1	66	49-100	
4-Chloro-3-methylphenol	mg/kg	1.7	1.1	65	51-99	
4-Chloroaniline	mg/kg	1.7	1.0	63	49-97	
4-Chlorophenylphenyl ether	mg/kg	1.7	1.1	64	49-97	
4-Nitroaniline	mg/kg	1.7	1.2	75	52-108	
4-Nitrophenol	mg/kg	1.7	0.95	57	50-115 J(v2)	
Acenaphthene	mg/kg	1.7	1.1	64	30-127	
Acenaphthylene	mg/kg	1.7	1.1	65	29-129	
Aniline	mg/kg	1.7	1.2	73	47-94	
Anthracene	mg/kg	1.7	1.2	72	37-126	
Benzo(a)anthracene	mg/kg	1.7	1.3	76	37-130	
Benzo(a)pyrene	mg/kg	1.7	1.2	74	39-128	
Benzo(b)fluoranthene	mg/kg	1.7	1.2	71	38-128	
Benzo(g,h,i)perylene	mg/kg	1.7	1.3	80	34-136	
Benzo(k)fluoranthene	mg/kg	1.7	1.2	75	39-133	
Benzyl alcohol	mg/kg	1.7	1.1	69	50-94	
bis(2-Chloroethoxy)methane	mg/kg	1.7	1.2	70	46-94	
bis(2-Chloroethyl) ether	mg/kg	1.7	1.3	77	41-95	
bis(2-Chloroisopropyl) ether	mg/kg	1.7	1.5	91	29-107 J(CH)	
bis(2-Ethylhexyl)phthalate	mg/kg	1.7	1.1	64	51-107	
Butylbenzylphthalate	mg/kg	1.7	1.2	71	50-106	
Chrysene	mg/kg	1.7	1.3	76	39-125	
Di-n-butylphthalate	mg/kg	1.7	1.3	75	51-105	
Di-n-octylphthalate	mg/kg	1.7	1.3	78	50-108	
Dibenz(a,h)anthracene	mg/kg	1.7	1.5	88	37-127	
Dibenzofuran	mg/kg	1.7	1.1	66	49-96	
Diethylphthalate	mg/kg	1.7	1.2	73	50-102	
Dimethylphthalate	mg/kg	1.7	1.1	69	49-100	
Fluoranthene	mg/kg	1.7	1.2	75	39-130	
Fluorene	mg/kg	1.7	1.1	67	35-125	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

LABORATORY CONTROL SAMPLE: 5251537

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloro-1,3-butadiene	mg/kg	1.7	1.1	69	46-95	
Hexachlorobenzene	mg/kg	1.7	1.3	76	51-99	
Hexachlorocyclopentadiene	mg/kg	1.7	0.46 I	28	15-143	J(v2)
Hexachloroethane	mg/kg	1.7	1.2	70	46-91	
Indeno(1,2,3-cd)pyrene	mg/kg	1.7	1.4	84	35-133	
Isophorone	mg/kg	1.7	1.2	73	48-95	
N-Nitroso-di-n-propylamine	mg/kg	1.7	1.2	74	48-95	
N-Nitrosodimethylamine	mg/kg	1.7	1.2	73	44-97	
N-Nitrosodiphenylamine	mg/kg	1.7	1.1	68	50-100	
Naphthalene	mg/kg	1.7	1.1	66	36-115	
Nitrobenzene	mg/kg	1.7	1.3	76	47-96	
Pentachlorophenol	mg/kg	1.7	0.92	56	39-115	J(v2)
Phenanthrene	mg/kg	1.7	1.2	72	35-128	
Phenol	mg/kg	1.7	1.1	66	46-94	
Pyrene	mg/kg	1.7	1.2	75	37-132	
2,4,6-Tribromophenol (S)	%			72	23-110	
2-Fluorobiphenyl (S)	%			64	29-101	
2-Fluorophenol (S)	%			68	19-95	
Nitrobenzene-d5 (S)	%			72	24-98	
p-Terphenyl-d14 (S)	%			78	29-112	
Phenol-d6 (S)	%			72	10-104	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5251813 5251814

Parameter	Units	35830894006		MS	MSD	5251813		5251814		% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec			
1,2,4-Trichlorobenzene	mg/kg	0.025 U	1.8	1.8	0.80	0.98	46	57	47-93	21	40	J(M1)
1,2-Dichlorobenzene	mg/kg	0.025 U	1.8	1.8	0.77	0.93	45	54	46-91	19	40	J(M1)
1,2-Diphenylhydrazine	mg/kg	0.038 U	1.8	1.8	1.1	1.3	61	73	47-100	17	40	
1,3-Dichlorobenzene	mg/kg	0.034 U	1.8	1.8	0.80	0.96	46	55	46-91	18	40	
1,4-Dichlorobenzene	mg/kg	0.025 U	1.8	1.8	0.81	0.97	47	56	45-92	17	40	
1-Methylnaphthalene	mg/kg	0.0058 U	1.8	1.8	0.79	0.96	46	56	38-115	19	40	
2,4,5-Trichlorophenol	mg/kg	0.0069 U	1.8	1.8	0.90	1.0	52	58	51-99	10	40	
2,4,6-Trichlorophenol	mg/kg	0.0095 U	1.8	1.8	0.88	1.0	51	58	51-98	13	40	
2,4-Dichlorophenol	mg/kg	0.0078 U	1.8	1.8	0.81	0.97	47	56	50-96	19	40	J(M1)
2,4-Dimethylphenol	mg/kg	0.031 U	1.8	1.8	0.73	0.89	43	51	49-96	19	40	J(M1)
2,4-Dinitrophenol	mg/kg	0.10 U	1.8	1.8	0.65 I	0.62 I	38	36	10-126		40	
2,4-Dinitrotoluene	mg/kg	0.024 U	1.8	1.8	1.2	1.3	67	73	54-108	8	40	
2,6-Dinitrotoluene	mg/kg	0.0085 U	1.8	1.8	0.95	1.1	55	63	52-103	13	40	
2-Chloronaphthalene	mg/kg	0.0083 U	1.8	1.8	0.80	0.96	46	56	46-96	19	40	
2-Chlorophenol	mg/kg	0.028 U	1.8	1.8	0.78	0.95	45	55	48-92	19	40	J(M1)
2-Methylnaphthalene	mg/kg	0.0055 U	1.8	1.8	0.79	0.96	46	56	37-115	19	40	
2-Methylphenol(o-Cresol)	mg/kg	0.0084 U	1.8	1.8	0.80	0.95	46	55	49-93	18	40	J(M1)
2-Nitroaniline	mg/kg	0.044 U	1.8	1.8	0.97	1.1	56	64	53-104	14	40	
2-Nitrophenol	mg/kg	0.056 U	1.8	1.8	0.87	1.1	50	61	51-100	20	40	J(M1)

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

Parameter	Units	35830894006		MS		MSD		5251813		5251814		% Rec	Limits	RPD	Max RPD	Qual
		Result	U	Spike Conc.	MS Spike Conc.	MSD Spike Conc.	Result	Result	% Rec	% Rec						
3&4-Methylphenol(m&p Cresol)	mg/kg	0.0080	U	1.8	1.8	0.79	0.95	46	55	49-94	19	40	J(M1)			
3,3'-Dichlorobenzidine	mg/kg	0.034	U	1.8	1.8	1.1	1.2	65	67	53-106	4	40				
3-Nitroaniline	mg/kg	0.038	U	1.8	1.8	1.1	1.2	63	70	51-104	10	40				
4,6-Dinitro-2-methylphenol	mg/kg	0.23	U	1.8	1.8	0.99	0.96	58	56	32-123	3	40				
4-Bromophenylphenyl ether	mg/kg	0.033	U	1.8	1.8	0.89	0.97	51	56	49-100	9	40				
4-Chloro-3-methylphenol	mg/kg	0.10	U	1.8	1.8	0.88	1.0	51	58	51-99	12	40				
4-Chloroaniline	mg/kg	0.027	U	1.8	1.8	0.76	0.90	44	52	49-97	17	40	J(M1)			
4-Chlorophenylphenyl ether	mg/kg	0.025	U	1.8	1.8	0.84	0.99	49	57	49-97	16	40				
4-Nitroaniline	mg/kg	0.0088	U	1.8	1.8	1.1	1.2	64	68	52-108	6	40				
4-Nitrophenol	mg/kg	0.076	U	1.8	1.8	0.86	0.91	50	53	50-115	5	40	J(v2)			
Acenaphthene	mg/kg	0.017	U	1.8	1.8	0.79	0.93	46	54	30-127	16	40				
Acenaphthylene	mg/kg	0.0055	U	1.8	1.8	0.81	0.98	47	56	29-129	19	40				
Aniline	mg/kg	0.034	U	1.8	1.8	0.78	0.94	45	54	47-94	18	40	J(M1)			
Anthracene	mg/kg	0.0048	U	1.8	1.8	1.1	1.2	62	69	37-126	10	40				
Benzo(a)anthracene	mg/kg	0.013	I	1.8	1.8	1.2	1.2	67	70	37-130	4	40				
Benzo(a)pyrene	mg/kg	0.012	I	1.8	1.8	1.2	1.2	67	71	39-128	5	40				
Benzo(b)fluoranthene	mg/kg	0.018	I	1.8	1.8	1.1	1.2	65	67	38-128	3	40				
Benzo(g,h,i)perylene	mg/kg	0.0097	I	1.8	1.8	1.2	1.2	71	67	34-136	6	40				
Benzo(k)fluoranthene	mg/kg	0.0093	U	1.8	1.8	1.2	1.2	67	71	39-133	6	40				
Benzyl alcohol	mg/kg	0.036	U	1.8	1.8	0.81	0.95	47	55	50-94	17	40	J(M1)			
bis(2-Chloroethoxy)methane	mg/kg	0.025	U	1.8	1.8	0.85	1.0	49	60	46-94	20	40				
bis(2-Chloroethyl) ether	mg/kg	0.011	U	1.8	1.8	0.96	1.2	55	67	41-95	19	40				
bis(2-Chloroisopropyl) ether	mg/kg	0.035	U	1.8	1.8	1.1	1.3	62	77	29-107	21	40	J(CH)			
bis(2-Ethylhexyl)phthalate	mg/kg	0.036	U	1.8	1.8	0.95	1.0	55	58	51-107	5	40				
Butylbenzylphthalate	mg/kg	0.035	U	1.8	1.8	1.1	1.1	64	66	50-106	3	40				
Chrysene	mg/kg	0.012	I	1.8	1.8	1.2	1.2	67	70	39-125	4	40				
Di-n-butylphthalate	mg/kg	0.14	U	1.8	1.8	1.1	1.2	67	72	51-105	7	40				
Di-n-octylphthalate	mg/kg	0.043	U	1.8	1.8	1.2	1.3	70	74	50-108	5	40				
Dibenz(a,h)anthracene	mg/kg	0.0081	U	1.8	1.8	1.4	1.4	78	78	37-127	0	40				
Dibenzofuran	mg/kg	0.024	U	1.8	1.8	0.83	0.98	48	57	49-96	17	40	J(M1)			
Diethylphthalate	mg/kg	0.059	U	1.8	1.8	1.0	1.1	58	66	50-102	12	40				
Dimethylphthalate	mg/kg	0.028	U	1.8	1.8	0.90	1.1	52	61	49-100	16	40				
Fluoranthene	mg/kg	0.017	I	1.8	1.8	1.2	1.2	68	71	39-130	5	40				
Fluorene	mg/kg	0.012	U	1.8	1.8	0.89	1.0	51	59	35-125	15	40				
Hexachloro-1,3-butadiene	mg/kg	0.012	U	1.8	1.8	0.85	1.0	49	60	46-95	20	40				
Hexachlorobenzene	mg/kg	0.0069	U	1.8	1.8	1.1	1.2	64	72	51-99	11	40				
Hexachlorocyclopentadiene	mg/kg	0.13	U	1.8	1.8	0.61	0.65	35	38	15-143	40	40	J(v2)			
Hexachloroethane	mg/kg	0.027	U	1.8	1.8	0.83	1.0	48	59	46-91	19	40				
Indeno(1,2,3-cd)pyrene	mg/kg	0.0080	U	1.8	1.8	1.3	1.3	75	73	35-133	2	40				
Isophorone	mg/kg	0.030	U	1.8	1.8	0.89	1.1	52	63	48-95	19	40				
N-Nitroso-di-n-propylamine	mg/kg	0.0068	U	1.8	1.8	0.86	1.1	50	61	48-95	20	40				
N-Nitrosodimethylamine	mg/kg	0.011	U	1.8	1.8	0.87	1.1	50	61	44-97	20	40				
N-Nitrosodiphenylamine	mg/kg	0.023	U	1.8	1.8	0.99	1.2	57	67	50-100	15	40				
Naphthalene	mg/kg	0.012	U	1.8	1.8	0.81	1.0	47	58	36-115	21	40				

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QUALITY CONTROL DATA

Project: Soil
 Pace Project No.: 35830894

Parameter	Units	35830894006		5251813		5251814		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Nitrobenzene	mg/kg	0.012 U	1.8	1.8	0.94	1.1	54	66	47-96	20	40			
Pentachlorophenol	mg/kg	0.090 U	1.8	1.8	0.85	0.93	49	54	39-115	10	40	J(v2)		
Phenanthrene	mg/kg	0.0050 U	1.8	1.8	1.1	1.2	62	68	35-128	10	40			
Phenol	mg/kg	0.033 U	1.8	1.8	0.79	0.96	46	55	46-94	18	40			
Pyrene	mg/kg	0.014 I	1.8	1.8	1.2	1.2	66	68	37-132	3	40			
2,4,6-Tribromophenol (S)	%						67	72	23-110					
2-Fluorobiphenyl (S)	%						46	56	29-101					
2-Fluorophenol (S)	%						48	58	19-95					
Nitrobenzene-d5 (S)	%						52	63	24-98					
p-Terphenyl-d14 (S)	%						69	71	29-112					
Phenol-d6 (S)	%						50	61	10-104					

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QUALITY CONTROL DATA

Project: Soil
Pace Project No.: 35830894

QC Batch:	957402	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35830894001, 35830894002, 35830894003, 35830894004, 35830894005, 35830894006

SAMPLE DUPLICATE: 5265333

Parameter	Units	35830894001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	7.4	7.6	3	10	

SAMPLE DUPLICATE: 5265334

Parameter	Units	35832316001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.7	5.6	1	10	

SAMPLE DUPLICATE: 5265335

Parameter	Units	35832557010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.5	11.7	2	10	

SAMPLE DUPLICATE: 5265336

Parameter	Units	35832715001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.5	16.0	3	10	

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QUALIFIERS

Project: Soil
Pace Project No.: 35830894

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(CH) Estimated value. The continuing calibration for this compound is outside of method acceptance limits. The results may be biased high.
- J(CU) The continuing calibration for this compound is above method acceptance limits. Analyte presence is not detected in associated samples. Results unaffected by high bias.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- J(R1) Estimated Value. RPD value was outside control limits.
- J(v2) The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3) The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Soil
Pace Project No.: 35830894


Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35830894001	DBC 1	EPA 3050	957035	EPA 6010	957199
35830894002	DBC 2	EPA 3050	957035	EPA 6010	957199
35830894003	DBC 3	EPA 3050	957035	EPA 6010	957199
35830894004	DBV 1	EPA 3050	957035	EPA 6010	957199
35830894005	DBV 2	EPA 3050	957035	EPA 6010	957199
35830894006	DBV 3	EPA 3050	957035	EPA 6010	957199
35830894001	DBC 1	EPA 7471	956646	EPA 7471	956787
35830894002	DBC 2	EPA 7471	956646	EPA 7471	956787
35830894003	DBC 3	EPA 7471	956646	EPA 7471	956787
35830894004	DBV 1	EPA 7471	956646	EPA 7471	956787
35830894005	DBV 2	EPA 7471	956646	EPA 7471	956787
35830894006	DBV 3	EPA 7471	956646	EPA 7471	956787
35830894001	DBC 1	EPA 3546	955006	EPA 8270	955254
35830894002	DBC 2	EPA 3546	955006	EPA 8270	955254
35830894003	DBC 3	EPA 3546	955006	EPA 8270	955254
35830894004	DBV 1	EPA 3546	955006	EPA 8270	955254
35830894005	DBV 2	EPA 3546	955006	EPA 8270	955254
35830894006	DBV 3	EPA 3546	955006	EPA 8270	955254
35830894001	DBC 1	EPA 5035	954898	EPA 8260	954945
35830894002	DBC 2	EPA 5035	954898	EPA 8260	954945
35830894003	DBC 3	EPA 5035	954898	EPA 8260	954945
35830894004	DBV 1	EPA 5035	954898	EPA 8260	954945
35830894005	DBV 2	EPA 5035	954898	EPA 8260	954945
35830894006	DBV 3	EPA 5035	954898	EPA 8260	954945
35830894001	DBC 1	ASTM D2974-87	957402		
35830894002	DBC 2	ASTM D2974-87	957402		
35830894003	DBC 3	ASTM D2974-87	957402		
35830894004	DBV 1	ASTM D2974-87	957402		
35830894005	DBV 2	ASTM D2974-87	957402		
35830894006	DBV 3	ASTM D2974-87	957402		

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W0# : 35830894

 35830894

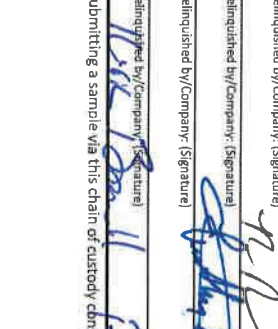
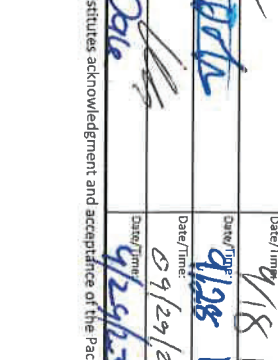
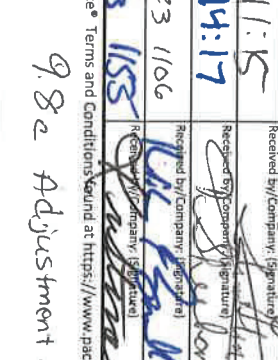
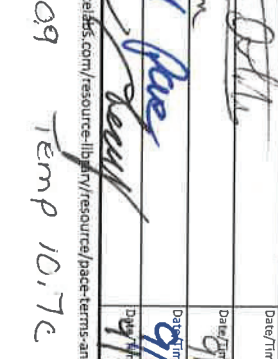

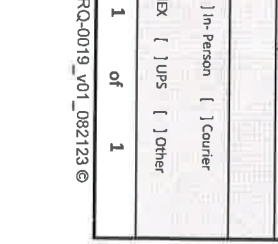
Company Name: Pasco County Environmental Laboratory
 Street Address: 8864 Government Drive, New Port Richey, FL 34654
 Contact/Report to: Mulhern, Candia
 Phone #: (727)847-8902
 E-Mail: cmulhern@pascocountyfl.net
 CC E-Mail:
 Customer Project #: **DDMSR&F**
 Project Name: Soil
 Invoice To:
 Invoice E-Mail:
 Site Collection Info/Facility ID (as applicable):
 Purchase Order # (if applicable):
 Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT ET
 Regulatory Program (DW, RCRA, etc.) as applicable: Florida
 County / State origin of sample(s):
 Data Deliverables:
 Level II Level III Level IV
 EQUS
 Other _____
 Push (Pre-approval required):
 2 Day 3 day 5 day Other _____
 Date Results: _____
 Requested: _____
 Field Filtered (if applicable): [] Yes [] No
 Analyst:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SE), Sludge (SL), Calk
 Customer Sample ID
 Matrix *
 Comp / Grab
 Collected (or Composite Start) Date Time
 Composite End Date Time
 Res. CLZ
 Number & Type of Containers Plastic Glass
 6010/7471 (RCRA 8), 8270 SVOCs, dry weight
 8260 VOCs

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date Time	Composite End Date Time	Res. CLZ	Number & Type of Containers Plastic Glass	Additional Instructions from Pace*
DBC 1	SS	Grab	9/28/23 11:45			4 1 3	
DBC 2	SS	Grab	9/28/23 11:45			4 1 3	
DBC 3	SS	Grab	9/28/23 11:55			4 1 3	
DBV 1	SS	Grab	9/28/23 12:05			4 1 3	
DBV 2	SS	Grab	9/28/23 12:10			4 1 3	
DBV 3	SS	Grab	9/28/23 12:15			4 1 3	

Customer Remarks / Special Conditions / Possible Hazards:
 Collected By: **Timothy Freshler**
 Printed Name:
 Signature: 

Relinquished by/Company (Signature):  Date: 9/18/23 11:15
 Received by/Company (Signature):  Date: 9/29/23 11:55
 Relinquished by/Company (Signature):  Date: 9/29/23 11:06
 Received by/Company (Signature):  Date: 9/29/23 10:06
 Relinquished by/Company (Signature):  Date: 9/29/23 11:55
 Received by/Company (Signature):  Date: 9/29/23 10:06
 # Coolers: Thermometer ID: Correction Factor (°C):
 202 T02 +0.2
 Qty: 34 Corrected Temp. (°C): 3.0
 Tracking Number:
 Delivered by: [] In-Person [] Courier
 [] FedEx [] UPS [] Other
 Page: 1 of 1

98e Adjustment 09 Temp 10.7c



Sample Condition Upon Receipt Form (SCUR)

Date and Initials of person: KT
9/29/23 13:29
 Examining contents: _____
 Label: _____
 Deliver: _____
 pH: _____

WO# : 35830894

Project #
 Project Manager:
 Client:

PM: CLG Due Date: 10/13/23
 CLIENT: PASCOU

Thermometer Used: T-202 Date: 9/29/23 Time: 1155 Initials: KT

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

Cooler #1 Temp.°C 3.4 (Visual) +0.2 (Correction Factor) 3.6 (Actual)
 Cooler #2 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #3 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #4 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #5 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)
 Cooler #6 Temp.°C _____ (Visual) _____ (Correction Factor) _____ (Actual)

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

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

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

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

Billing: Recipient Sender Third Party Credit Card Unknown

Tracking # _____

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

Ice: Wet Blue Dry None Melted

Packing Material: Bubble Wrap Bubble Bags None Other: _____

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

Shorted Date: _____

Shorted Time: _____

Bottle Quantity / Type: _____

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

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

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