

DATA PACKAGE

GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : 186 ARLINGTON BLVD, NORTH ARLINGTON

SCIACCA GENERAL CONTRACTORS, LLC

2 Shaw Court

Fairfield, NJ - 07004

Phone No: 201-933-6100

ORDER ID : Q3661

ATTENTION : Rosanne Scirica



Laboratory Certification ID # 20012



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1

2

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4

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Cover Page

Order ID : Q3661

Project ID : 186 Arlington Blvd, North Arlington

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q3661-01
Q3661-02
Q3661-03
Q3661-04
Q3661-05
Q3661-06
Q3661-07

Client Sample Number

WASTE
VOC
1
2
3
4
5

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/1/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 186 Arlington Blvd, North Arlington

Project # N/A

Order ID # Q3661

Test Name: VOC-TCLVOA-10,EPH_F2,TPH GC

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 11/17/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10,EPH_F2,TPH GC. This data package contains results for VOC-TCLVOA-10(8260D),EPH_F2(NJEPH),TPH GC(8015D).

C. Analytical Techniques:

VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

TPH GC : The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of TPH GC was based on method 8015D and extraction was done based on method 3541.

EPH_F2 : The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPH_F2s was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following EPH_F2 :

1 [1-chlorooctadecane (SURR)30% ,ortho-Terphenyl (SURR)37%],
1RE [1-chlorooctadecane (SURR)31%, ortho-Terphenyl (SURR)37%],
2 [1-chlorooctadecane (SURR)37%], 2RE [1-chlorooctadecane (SURR)37%],
3 [1-chlorooctadecane (SURR)31, ortho-Terphenyl (SURR)39%],
3RE [1-chlorooctadecane (SURR)31% ,ortho-Terphenyl (SURR)38%],
4 [1-chlorooctadecane (SURR)35%], 4RE [1-chlorooctadecane (SURR)35%] the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported in the data.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Internal Standards Areas were met for all analysis except following VOC-TCLVOA-10 : VOC, VOCRE. Affected sample reanalyzed to confirm results, Original and reanalysis both are reported.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following EPH_F2 : The MS {Q3661-07MS} with File ID: FE057032.D recoveries met the requirements for all compounds except for [n-Decane (C10)- 168%] due to matrix interference.

The MSD recoveries met the requirements for all compounds except following EPH_F2 : The MSD {Q3661-07MSD} with File ID: FE057033.D recoveries met the requirements for all compounds except for [n-Decane (C10)- 168%] due to matrix interference.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____



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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3661

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/01/2025

Hit Summary Sheet
SW-846

SDG No.: Q3661

Client: Sciacca General Contractors, LLC

A

B

C

D

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:



SAMPLE DATA

Report of Analysis

Client: Sciacca General Contractors, LLC
Project: 186 Arlington Blvd, North Arlington
Client Sample ID: VOC
Lab Sample ID: Q3661-02
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/17/25
Date Received: 11/17/25
SDG No.: Q3661
Matrix: SOIL
% Solid: 77.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.50	U	1	1.50	6.40	ug/Kg	11/18/25 14:24	VW111825
74-87-3	Chloromethane	1.50	U	1	1.50	6.40	ug/Kg	11/18/25 14:24	VW111825
75-01-4	Vinyl Chloride	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
74-83-9	Bromomethane	1.40	U	1	1.40	6.40	ug/Kg	11/18/25 14:24	VW111825
75-00-3	Chloroethane	1.60	U	1	1.60	6.40	ug/Kg	11/18/25 14:24	VW111825
75-69-4	Trichlorofluoromethane	1.60	U	1	1.60	6.40	ug/Kg	11/18/25 14:24	VW111825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1	1.40	6.40	ug/Kg	11/18/25 14:24	VW111825
75-35-4	1,1-Dichloroethene	1.30	U	1	1.30	6.40	ug/Kg	11/18/25 14:24	VW111825
67-64-1	Acetone	6.10	U	1	6.10	32.1	ug/Kg	11/18/25 14:24	VW111825
75-15-0	Carbon Disulfide	1.40	U	1	1.40	6.40	ug/Kg	11/18/25 14:24	VW111825
1634-04-4	Methyl tert-butyl Ether	0.94	U	1	0.94	6.40	ug/Kg	11/18/25 14:24	VW111825
79-20-9	Methyl Acetate	2.00	U	1	2.00	6.40	ug/Kg	11/18/25 14:24	VW111825
75-09-2	Methylene Chloride	4.50	U	1	4.50	12.9	ug/Kg	11/18/25 14:24	VW111825
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.40	ug/Kg	11/18/25 14:24	VW111825
75-34-3	1,1-Dichloroethane	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
110-82-7	Cyclohexane	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
78-93-3	2-Butanone	8.40	U	1	8.40	32.1	ug/Kg	11/18/25 14:24	VW111825
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.40	ug/Kg	11/18/25 14:24	VW111825
156-59-2	cis-1,2-Dichloroethene	0.96	U	1	0.96	6.40	ug/Kg	11/18/25 14:24	VW111825
74-97-5	Bromochloromethane	1.50	U	1	1.50	6.40	ug/Kg	11/18/25 14:24	VW111825
67-66-3	Chloroform	1.10	U	1	1.10	6.40	ug/Kg	11/18/25 14:24	VW111825
71-55-6	1,1,1-Trichloroethane	1.20	U	1	1.20	6.40	ug/Kg	11/18/25 14:24	VW111825
108-87-2	Methylcyclohexane	1.20	U	1	1.20	6.40	ug/Kg	11/18/25 14:24	VW111825
71-43-2	Benzene	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
107-06-2	1,2-Dichloroethane	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
79-01-6	Trichloroethene	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
78-87-5	1,2-Dichloropropane	1.20	U	1	1.20	6.40	ug/Kg	11/18/25 14:24	VW111825
75-27-4	Bromodichloromethane	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
108-10-1	4-Methyl-2-Pentanone	4.60	U	1	4.60	32.1	ug/Kg	11/18/25 14:24	VW111825
108-88-3	Toluene	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
10061-02-6	t-1,3-Dichloropropene	0.84	U	1	0.84	6.40	ug/Kg	11/18/25 14:24	VW111825
10061-01-5	cis-1,3-Dichloropropene	0.80	U	1	0.80	6.40	ug/Kg	11/18/25 14:24	VW111825
79-00-5	1,1,2-Trichloroethane	1.20	U	1	1.20	6.40	ug/Kg	11/18/25 14:24	VW111825
591-78-6	2-Hexanone	4.70	U	1	4.70	32.1	ug/Kg	11/18/25 14:24	VW111825
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.40	ug/Kg	11/18/25 14:24	VW111825
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.40	ug/Kg	11/18/25 14:24	VW111825
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.40	ug/Kg	11/18/25 14:24	VW111825
108-90-7	Chlorobenzene	1.20	U	1	1.20	6.40	ug/Kg	11/18/25 14:24	VW111825
100-41-4	Ethyl Benzene	0.86	U	1	0.86	6.40	ug/Kg	11/18/25 14:24	VW111825
179601-23-1	m/p-Xylenes	1.60	U	1	1.60	12.9	ug/Kg	11/18/25 14:24	VW111825
95-47-6	o-Xylene	1.10	U	1	1.10	6.40	ug/Kg	11/18/25 14:24	VW111825
100-42-5	Styrene	0.91	U	1	0.91	6.40	ug/Kg	11/18/25 14:24	VW111825
75-25-2	Bromoform	1.10	U	1	1.10	6.40	ug/Kg	11/18/25 14:24	VW111825

Report of Analysis

Client: Sciacca General Contractors, LLC
Project: 186 Arlington Blvd, North Arlington
Client Sample ID: VOC
Lab Sample ID: Q3661-02
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/17/25
Date Received: 11/17/25
SDG No.: Q3661
Matrix: SOIL
% Solid: 77.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	1.00	6.40	ug/Kg	11/18/25 14:24	VW111825
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1	1.60	6.40	ug/Kg	11/18/25 14:24	VW111825
541-73-1	1,3-Dichlorobenzene	2.20	U	1	2.20	6.40	ug/Kg	11/18/25 14:24	VW111825
106-46-7	1,4-Dichlorobenzene	2.00	U	1	2.00	6.40	ug/Kg	11/18/25 14:24	VW111825
95-50-1	1,2-Dichlorobenzene	1.90	U	1	1.90	6.40	ug/Kg	11/18/25 14:24	VW111825
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	1	2.40	6.40	ug/Kg	11/18/25 14:24	VW111825
120-82-1	1,2,4-Trichlorobenzene	3.80	U	1	3.80	6.40	ug/Kg	11/18/25 14:24	VW111825
87-61-6	1,2,3-Trichlorobenzene	4.10	U	1	4.10	6.40	ug/Kg	11/18/25 14:24	VW111825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	38.2			63 - 155	76%	SPK: 50		
1868-53-7	Dibromofluoromethane	36.8			70 - 134	74%	SPK: 50		
2037-26-5	Toluene-d8	37.0			74 - 123	74%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.6			52 - 138	101%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	144000							
540-36-3	1,4-Difluorobenzene	306000							
3114-55-4	Chlorobenzene-d5	293000							
3855-82-1	1,4-Dichlorobenzene-d4	141000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client: Sciacca General Contractors, LLC
Project: 186 Arlington Blvd, North Arlington
Client Sample ID: VOCRE
Lab Sample ID: Q3661-02RE
Analytical Method: 8260D
Sample Wt/Vol: 5 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/17/25
Date Received: 11/17/25
SDG No.: Q3661
Matrix: SOIL
% Solid: 77.8
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.50	U	1	1.50	6.40	ug/Kg	11/19/25 13:36	VW111925
74-87-3	Chloromethane	1.50	U	1	1.50	6.40	ug/Kg	11/19/25 13:36	VW111925
75-01-4	Vinyl Chloride	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
74-83-9	Bromomethane	1.40	U	1	1.40	6.40	ug/Kg	11/19/25 13:36	VW111925
75-00-3	Chloroethane	1.60	U	1	1.60	6.40	ug/Kg	11/19/25 13:36	VW111925
75-69-4	Trichlorofluoromethane	1.60	U	1	1.60	6.40	ug/Kg	11/19/25 13:36	VW111925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1	1.40	6.40	ug/Kg	11/19/25 13:36	VW111925
75-35-4	1,1-Dichloroethene	1.30	U	1	1.30	6.40	ug/Kg	11/19/25 13:36	VW111925
67-64-1	Acetone	6.10	U	1	6.10	32.1	ug/Kg	11/19/25 13:36	VW111925
75-15-0	Carbon Disulfide	1.40	U	1	1.40	6.40	ug/Kg	11/19/25 13:36	VW111925
1634-04-4	Methyl tert-butyl Ether	0.94	U	1	0.94	6.40	ug/Kg	11/19/25 13:36	VW111925
79-20-9	Methyl Acetate	2.00	U	1	2.00	6.40	ug/Kg	11/19/25 13:36	VW111925
75-09-2	Methylene Chloride	4.50	U	1	4.50	12.9	ug/Kg	11/19/25 13:36	VW111925
156-60-5	trans-1,2-Dichloroethene	1.10	U	1	1.10	6.40	ug/Kg	11/19/25 13:36	VW111925
75-34-3	1,1-Dichloroethane	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
110-82-7	Cyclohexane	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
78-93-3	2-Butanone	8.40	U	1	8.40	32.1	ug/Kg	11/19/25 13:36	VW111925
56-23-5	Carbon Tetrachloride	1.20	U	1	1.20	6.40	ug/Kg	11/19/25 13:36	VW111925
156-59-2	cis-1,2-Dichloroethene	0.96	U	1	0.96	6.40	ug/Kg	11/19/25 13:36	VW111925
74-97-5	Bromochloromethane	1.50	U	1	1.50	6.40	ug/Kg	11/19/25 13:36	VW111925
67-66-3	Chloroform	1.10	U	1	1.10	6.40	ug/Kg	11/19/25 13:36	VW111925
71-55-6	1,1,1-Trichloroethane	1.20	U	1	1.20	6.40	ug/Kg	11/19/25 13:36	VW111925
108-87-2	Methylcyclohexane	1.20	U	1	1.20	6.40	ug/Kg	11/19/25 13:36	VW111925
71-43-2	Benzene	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
107-06-2	1,2-Dichloroethane	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
79-01-6	Trichloroethene	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
78-87-5	1,2-Dichloropropane	1.20	U	1	1.20	6.40	ug/Kg	11/19/25 13:36	VW111925
75-27-4	Bromodichloromethane	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
108-10-1	4-Methyl-2-Pentanone	4.60	U	1	4.60	32.1	ug/Kg	11/19/25 13:36	VW111925
108-88-3	Toluene	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
10061-02-6	t-1,3-Dichloropropene	0.84	U	1	0.84	6.40	ug/Kg	11/19/25 13:36	VW111925
10061-01-5	cis-1,3-Dichloropropene	0.80	U	1	0.80	6.40	ug/Kg	11/19/25 13:36	VW111925
79-00-5	1,1,2-Trichloroethane	1.20	U	1	1.20	6.40	ug/Kg	11/19/25 13:36	VW111925
591-78-6	2-Hexanone	4.70	U	1	4.70	32.1	ug/Kg	11/19/25 13:36	VW111925
124-48-1	Dibromochloromethane	1.10	U	1	1.10	6.40	ug/Kg	11/19/25 13:36	VW111925
106-93-4	1,2-Dibromoethane	1.10	U	1	1.10	6.40	ug/Kg	11/19/25 13:36	VW111925
127-18-4	Tetrachloroethene	1.30	U	1	1.30	6.40	ug/Kg	11/19/25 13:36	VW111925
108-90-7	Chlorobenzene	1.20	U	1	1.20	6.40	ug/Kg	11/19/25 13:36	VW111925
100-41-4	Ethyl Benzene	0.86	U	1	0.86	6.40	ug/Kg	11/19/25 13:36	VW111925
179601-23-1	m/p-Xylenes	1.60	U	1	1.60	12.9	ug/Kg	11/19/25 13:36	VW111925
95-47-6	o-Xylene	1.10	U	1	1.10	6.40	ug/Kg	11/19/25 13:36	VW111925
100-42-5	Styrene	0.91	U	1	0.91	6.40	ug/Kg	11/19/25 13:36	VW111925
75-25-2	Bromoform	1.10	U	1	1.10	6.40	ug/Kg	11/19/25 13:36	VW111925

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	VOCRE	SDG No.:	Q3661
Lab Sample ID:	Q3661-02RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.8
Sample Wt/Vol:	5 g	Test:	VOC-TCLVOA-10
	Level: LOW		
	Final Vol: 5000 uL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	1.00	6.40	ug/Kg	11/19/25 13:36	VW111925
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1	1.60	6.40	ug/Kg	11/19/25 13:36	VW111925
541-73-1	1,3-Dichlorobenzene	2.20	U	1	2.20	6.40	ug/Kg	11/19/25 13:36	VW111925
106-46-7	1,4-Dichlorobenzene	2.00	U	1	2.00	6.40	ug/Kg	11/19/25 13:36	VW111925
95-50-1	1,2-Dichlorobenzene	1.90	U	1	1.90	6.40	ug/Kg	11/19/25 13:36	VW111925
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	1	2.40	6.40	ug/Kg	11/19/25 13:36	VW111925
120-82-1	1,2,4-Trichlorobenzene	3.80	U	1	3.80	6.40	ug/Kg	11/19/25 13:36	VW111925
87-61-6	1,2,3-Trichlorobenzene	4.10	U	1	4.10	6.40	ug/Kg	11/19/25 13:36	VW111925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.5			63 - 155	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.5			70 - 134	97%	SPK: 50		
2037-26-5	Toluene-d8	42.6			74 - 123	85%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.8			52 - 138	98%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	150000							
540-36-3	1,4-Difluorobenzene	333000							
3114-55-4	Chlorobenzene-d5	363000							
3855-82-1	1,4-Dichlorobenzene-d4	159000							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3661	OrderDate:	11/17/2025 2:41:00 PM
Client:	Sciacca General Contractors, LLC	Project:	186 Arlington Blvd, North Arlington
Contact:	Rosanne Scirica	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3661-02	VOC	SOIL	VOC-TCLVOA-10	8260D	11/17/25		11/18/25	11/17/25
Q3661-02RE	VOCRE	SOIL	VOC-TCLVOA-10	8260D	11/17/25		11/19/25	11/17/25



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	WASTE	SDG No.:	Q3661
Lab Sample ID:	Q3661-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	80.7
Sample Wt/Vol:	30.04 g	Final Vol:	1 mL
Prep Method:	SW3541	Test:	TPH GC
	Prep Date:		11/20/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
PHC	Petroleum Hydrocarbons	17800		1	475	3510	ug/kg	11/20/25 20:12	PB170659
SURROGATES									
16416-32-3	TETRACOSANE-d50	12.6			37 - 130	63%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3661	OrderDate:	11/17/2025 2:41:00 PM
Client:	Sciacca General Contractors, LLC	Project:	186 Arlington Blvd, North Arlington
Contact:	Rosanne Scirica	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3661-01	WASTE	SOIL	TPH GC	8015D	11/17/25	11/20/25	11/20/25	11/17/25



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	1	SDG No.:	Q3661
Lab Sample ID:	Q3661-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	11/25/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	9.72		1	1.20	5.28	mg/kg	FE057027.D	11/26/25 1:48	PB170727
Total EPH	Total EPH	9.72			1.20	5.28	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	1	SDG No.:	Q3661
Lab Sample ID:	Q3661-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	9.72	1		1.20	5.28	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	8.66	1		1.56	2.64	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	15.2			40 - 140	30%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	18.7			40 - 140	37%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-03	Acq On:	26 Nov 2025 01:48
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE057027.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.205	6.828	366731	2.143	300	ug/ml
Aliphatic C12-C16	6.829	10.273	1033434	5.781	200	ug/ml
Aliphatic C16-C21	10.274	13.645	4516955	24.219	300	ug/ml
Aliphatic C21-C28	13.646	17.314	15077517	78.217	400	ug/ml
Aliphatic C28-C40	17.315	22.241	15652796	98.251	600	ug/ml
Aliphatic EPH	3.205	22.241	36647433	208.61		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	3910426	18.72		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	2445758	15.18		ug/ml
Aliphatic C9-C28	3.205	17.314	20994637	110.36	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	1RE	SDG No.:	Q3661
Lab Sample ID:	Q3661-03RE	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	8.58	1		1.20	5.28	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	12.5	1		1.56	2.64	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	15.3			40 - 140	31%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	18.6			40 - 140	37%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-03RE	Acq On:	26 Nov 2025 11:00
Client Sample ID:	1RE	Operator:	YP\AJ
Data file:	FE057040.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	230891	1.349	300	ug/ml
Aliphatic C12-C16	6.827	10.271	845499	4.73	200	ug/ml
Aliphatic C16-C21	10.272	13.644	4455578	23.89	300	ug/ml
Aliphatic C21-C28	13.645	17.314	14147792	73.394	400	ug/ml
Aliphatic C28-C40	17.315	22.241	22556537	141.585	600	ug/ml
Aliphatic EPH	3.202	22.241	42236297	244.947		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	3891520	18.63		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	2467590	15.32		ug/ml
Aliphatic C9-C28	3.202	17.314	19679760	103.363	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	2	SDG No.:	Q3661
Lab Sample ID:	Q3661-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.9
Sample Wt/Vol:	30.08 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	6.52		1	1.15	5.05	mg/kg	FE057028.D	11/26/25 2:18	PB170727
Total EPH	Total EPH	6.52			1.15	5.05	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	2	SDG No.:	Q3661
Lab Sample ID:	Q3661-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.9
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.52	1		1.15	5.05	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	9.23	1		1.49	2.53	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURRE)	18.7			40 - 140	37%	SPK: 50		
84-15-1	ortho-Terphenyl (SURRE)	23.5			40 - 140	47%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-04	Acq On:	26 Nov 2025 02:18
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE057028.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.205	6.828	304746	1.78	300	ug/ml
Aliphatic C12-C16	6.829	10.273	699705	3.914	200	ug/ml
Aliphatic C16-C21	10.274	13.645	2837518	15.214	300	ug/ml
Aliphatic C21-C28	13.646	17.314	11233222	58.274	400	ug/ml
Aliphatic C28-C40	17.315	22.241	17458172	109.583	600	ug/ml
Aliphatic EPH	3.205	22.241	32533363	188.766		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	4911914	23.51		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3015217	18.71		ug/ml
Aliphatic C9-C28	3.205	17.314	15075191	79.182	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	2RE	SDG No.:	Q3661
Lab Sample ID:	Q3661-04RE	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.9
Sample Wt/Vol:	30.08 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	8.20	1		1.15	5.05	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	11.0	1		1.49	2.53	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	18.6			40 - 140	37%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.3			40 - 140	47%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-04RE	Acq On:	26 Nov 2025 11:31
Client Sample ID:	2RE	Operator:	YP\AJ
Data file:	FE057041.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	332459	1.942	300	ug/ml
Aliphatic C12-C16	6.827	10.271	776101	4.342	200	ug/ml
Aliphatic C16-C21	10.272	13.644	8217856	44.062	300	ug/ml
Aliphatic C21-C28	13.645	17.314	10273934	53.297	400	ug/ml
Aliphatic C28-C40	17.315	22.241	20758855	130.301	600	ug/ml
Aliphatic EPH	3.202	22.241	40359205	233.945		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	4874846	23.33		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	2993827	18.58		ug/ml
Aliphatic C9-C28	3.202	17.314	19600350	103.643	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	3	SDG No.:	Q3661
Lab Sample ID:	Q3661-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	11/25/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	4.95	J	1	1.16	5.09	mg/kg	FE057029.D	11/26/25 2:48	PB170727
Total EPH	Total EPH	4.95	J		1.16	5.09	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	3	SDG No.:	Q3661
Lab Sample ID:	Q3661-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.95	J	1	1.16	5.09	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	8.38		1	1.50	2.55	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	15.6			40 - 140	31%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	19.5			40 - 140	39%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-05	Acq On:	26 Nov 2025 02:48
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE057029.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.205	6.828	255834	1.495	300	ug/ml
Aliphatic C12-C16	6.829	10.273	701285	3.923	200	ug/ml
Aliphatic C16-C21	10.274	13.645	2516690	13.494	300	ug/ml
Aliphatic C21-C28	13.646	17.314	7917825	41.075	400	ug/ml
Aliphatic C28-C40	17.315	22.241	15742184	98.812	600	ug/ml
Aliphatic EPH	3.205	22.241	27133818	158.798		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	4066656	19.47		ug/ml
1-chlorooctadecane (SURR)	13.379	13.379	2516147	15.62		ug/ml
Aliphatic C9-C28	3.205	17.314	11391634	59.987	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	3RE	SDG No.:	Q3661
Lab Sample ID:	Q3661-05RE	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
Sample Wt/Vol:	30.07 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.65	J	1	1.16	5.09	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	8.88		1	1.50	2.55	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	15.3			40 - 140	31%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	19.1			40 - 140	38%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-05RE	Acq On:	26 Nov 2025 12:01
Client Sample ID:	3RE	Operator:	YP\AJ
Data file:	FE057042.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	193545	1.131	300	ug/ml
Aliphatic C12-C16	6.827	10.271	732684	4.099	200	ug/ml
Aliphatic C16-C21	10.272	13.644	2818389	15.112	300	ug/ml
Aliphatic C21-C28	13.645	17.314	7659623	39.735	400	ug/ml
Aliphatic C28-C40	17.315	22.241	16674297	104.663	600	ug/ml
Aliphatic EPH	3.202	22.241	28078538	164.739		ug/ml
ortho-Terphenyl (SURR)	11.941	11.941	3982074	19.06		ug/ml
1-chlorooctadecane (SURR)	13.377	13.377	2473031	15.35		ug/ml
Aliphatic C9-C28	3.202	17.314	11404241	60.077	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	4	SDG No.:	Q3661
Lab Sample ID:	Q3661-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.2
Sample Wt/Vol:	30.05 g	Test:	EPH_F2
Prep Method :	Final Vol: 2000 uL Prep Date : 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C28	Aliphatic C9-C28	7.38		1	1.18	5.16	mg/kg	FE057030.D	11/26/25 3:18	PB170727
Total EPH	Total EPH	7.38			1.18	5.16	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	4	SDG No.:	Q3661
Lab Sample ID:	Q3661-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.2
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	7.38	1		1.18	5.16	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	8.40	1		1.53	2.59	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	17.3			40 - 140	35%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.3			40 - 140	43%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-06	Acq On:	26 Nov 2025 03:18
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE057030.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.205	6.828	409813	2.394	300	ug/ml
Aliphatic C12-C16	6.829	10.273	964916	5.398	200	ug/ml
Aliphatic C16-C21	10.274	13.645	3611693	19.365	300	ug/ml
Aliphatic C21-C28	13.646	17.314	11273833	58.485	400	ug/ml
Aliphatic C28-C40	17.315	22.241	15530439	97.483	600	ug/ml
Aliphatic EPH	3.205	22.241	31790694	183.125		ug/ml
ortho-Terphenyl (SURR)	11.942	11.942	4453578	21.32		ug/ml
1-chlorooctadecane (SURR)	13.379	13.379	2787503	17.3		ug/ml
Aliphatic C9-C28	3.205	17.314	16260255	85.642	1200	ug/ml

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	4RE	SDG No.:	Q3661
Lab Sample ID:	Q3661-06RE	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.2
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.58	1		1.18	5.16	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	9.31	1		1.53	2.59	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	17.3			40 - 140	35%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	21.1			40 - 140	42%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-06RE	Acq On:	26 Nov 2025 12:31
Client Sample ID:	4RE	Operator:	YP\AJ
Data file:	FE057043.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	447084	2.612	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1001259	5.601	200	ug/ml
Aliphatic C16-C21	10.272	13.644	3578938	19.189	300	ug/ml
Aliphatic C21-C28	13.645	17.314	11020630	57.171	400	ug/ml
Aliphatic C28-C40	17.315	22.241	17210804	108.03	600	ug/ml
Aliphatic EPH	3.202	22.241	33258715	192.604		ug/ml
ortho-Terphenyl (SURR)	11.940	11.940	4418459	21.15		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	2783437	17.28		ug/ml
Aliphatic C9-C28	3.202	17.314	16047911	84.573	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	5	SDG No.:	Q3661
Lab Sample ID:	Q3661-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.7
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Prep Date :	11/25/25
		Test:	EPH_F2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
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TARGETS

Aliphatic C9-C28	Aliphatic C9-C28	10.8		1	1.17	5.15	mg/kg	FE057031.D	11/26/25 3:48	PB170727
Total EPH	Total EPH	10.8			1.17	5.15	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	11/17/25
Project:	186 Arlington Blvd, North Arlington	Date Received:	11/17/25
Client Sample ID:	5	SDG No.:	Q3661
Lab Sample ID:	Q3661-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.7
Sample Wt/Vol:	30.02 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2
	Prep Date	11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	10.8	1		1.17	5.15	mg/kg	11/26/25	PB170727
Aliphatic C28-C40	Aliphatic C28-C40	7.85	1		1.52	2.57	mg/kg	11/26/25	PB170727
SURROGATES									
3383-33-2	1-chlorooctadecane (SURRE)	24.1			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURRE)	29.7			40 - 140	59%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3661-07	Acq On:	26 Nov 2025 03:48
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE057031.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.205	6.828	326686	1.909	300	ug/ml
Aliphatic C12-C16	6.829	10.273	934911	5.23	200	ug/ml
Aliphatic C16-C21	10.274	13.645	14010883	75.123	300	ug/ml
Aliphatic C21-C28	13.646	17.314	8895838	46.148	400	ug/ml
Aliphatic C28-C40	17.315	22.241	14582150	91.531	600	ug/ml
Aliphatic EPH	3.205	22.241	38750468	219.941		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	6211432	29.73		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3891744	24.15		ug/ml
Aliphatic C9-C28	3.205	17.314	24168318	128.41	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3661	OrderDate:	11/17/2025 2:41:00 PM
Client:	Sciacca General Contractors, LLC	Project:	186 Arlington Blvd, North Arlington
Contact:	Rosanne Scirica	Location:	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3661-01	WASTE	SOIL	TPH GC	8015D	11/17/25	11/20/25	11/20/25	11/17/25
Q3661-03	1	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-03RE	1RE	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-04	2	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-04RE	2RE	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-05	3	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-05RE	3RE	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-06	4	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-06RE	4RE	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25
Q3661-07	5	Solid	EPH_F2	NJEPH	11/17/25	11/25/25	11/26/25	11/17/25



SHIPPING DOCUMENTS

23661

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186 Arlington Blvd.

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number

COC Number

North Arlington

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION												
Report to be sent to:			PROJECT NAME:			BILL TO:												
COMPANY:			PROJECT #:			PO#:												
ADDRESS:			LOCATION:			ADDRESS:												
CITY:			PROJECT MANAGER:			CITY:												
STATE:			E-MAIL:			STATE:												
ZIP:			PHONE:			ZIP:												
ATTENTION:			FAX:			ATTENTION:												
PHONE:			FAX:			PHONE:												
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS												
FAX (RUSH) _____ DAYS*			☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD FORMAT															
HARDCOPY (DATA PACKAGE): _____ DAYS*																		
EDD: _____ DAYS*																		
TO BE APPROVED BY CHEMTECH STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																		
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE	SAMPLE COLLECTION	# of Bottles	PRESERVATIVES										COMMENTS		
			COUR	ORAG	DATE	TIME												
1.	WASTE				11/17	2												
2.	VOC				8:30	1												
3.	1				9:45	1												
4.	2				9:30	1												
5.	3				10:15	1												
6.	4				10:15	1												
7.	5				10:15	1												
8.																		
9.																		
10.																		
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER		DATE/TIME 11-17-2025		RECEIVED BY		Conditions of bottles or casks at receipt:		☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP		3.4°C 3.4°C + 0 = 3.4°C								
1.				1.														
RELINQUISHED BY		DATE/TIME		RECEIVED BY		Comments:												
2.				2.														
RELINQUISHED BY		DATE/TIME 11-17-2025		RECEIVED FOR LAB BY		Page _____ of _____		CLIENT: ☐ Hand Delivered ☐ Other:		Shipment Complete								
3.				3.				CHEMTECH: ☐ Picked Up		☐ YES ☐ NO								

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3661	SCIA01	Order Date : 11/17/2025 2:41:00 PM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 186 Arlington Blvd, North /	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 11/17/2025 3:15:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order :	Hard Copy Date :
Invoice Contact : Rosanne Scirica			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3661-02	VOC	Solid	11/17/2025	08:35	VOC-TCLVOA-10		8260D	10 Bus. Days	

JAN

Stored in VOA
FRZ # 02 after preservation

Relinquished By : [Signature]
Date / Time : 11-17-2025 1540

Received By : [Signature]
Date / Time : 11-17-25 15:40

Storage Area : VOA Refridgerator Room