

DATA PACKAGE

GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : 98 MORSE AVE, BLOOMFIELD

SCIACCA GENERAL CONTRACTORS, LLC

2 Shaw Court

Fairfield, NJ - 07004

Phone No: 201-933-6100

ORDER ID : Q2147

ATTENTION : Rosanne Scirica



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2147

Project ID : 98 Morse Ave, Bloomfield

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q2147-01
Q2147-02
Q2147-03
Q2147-04
Q2147-05
Q2147-06
Q2147-07

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 :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:35 pm, Jul 21, 2025

Date: 6/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 98 Morse Ave, Bloomfield

Project # N/A

Order ID # Q2147

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 05/28/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH_F2, TPH GC and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_Y 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.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements except for VOC, VIAL A analyzed but internal standard fail as a corrective action VIAL B analyzed but did not purge therefore VIAL A reported as final analysis.

The Retention Times were acceptable for all samples.

The RPD met criteria.

The Blank Spike for {VY0529SBS01} with File ID: VY022455.D met requirements for all samples except for Chloroethane[133%] is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VY0529SBSD01} with File ID: VY022456.D met requirements for all samples except for Bromomethane[144%], Chloroethane[135%] are failing high but no positive hit in associate sample therefore no corrective action taken..

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:

Samples for MS/MSD for VOC analysis were not provided with this set of samples.
The Blank Spike Duplicate is reported with the data.
The Data package has been revised to reflect the new project name, as request by the client.
Trip Blank was not provided with this set of samples.

The soil sample results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

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

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APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:44 pm, Jul 21, 2025

Signature_____

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 98 Morse Ave, Bloomfield

Project # N/A

Order ID # Q2147

Test Name: TPH GC

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 05/28/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH_F2, TPH GC and VOC-TCLVOA-10. This data package contains results for TPH GC.

C. Analytical Techniques:

The analysis were performed on instrument FID_G. 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.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

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

The Data package has been revised to reflect the new project name, as request by the client.

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



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:44 pm, Jul 21, 2025

Signature_____

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 98 Morse Ave, Bloomfield

Project # N/A

Order ID # Q2147

Test Name: EPH_F2

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 05/28/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH_F2, TPH GC and VOC-TCLVOA-10. This data package contains results for EPH_F2.

C. Analytical Techniques:

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 met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The RPD met criteria

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

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

The Data package has been revised to reflect the new project name, as request by the client.

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



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APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:44 pm, Jul 21, 2025

Signature_____

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: <ul style="list-style-type: none"> (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 #: Q2147

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: 06/11/2025

Hit Summary Sheet SW-846

SDG No.: Q2147
Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q2147-02	VOC VOC	SOIL	1-Methyldodecylamine	* 18.8	J	0	0	ug/Kg
			Total Tics :			18.8		
			Total Concentration:			18.8		

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/27/25	
Project:	98 Morse Ave, Bloomfield		Date Received:	05/28/25	
Client Sample ID:	VOC		SDG No.:	Q2147	
Lab Sample ID:	Q2147-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	5.48	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022459.D	1	05/29/25 12:02	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.50	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.50	ug/Kg
75-01-4	Vinyl Chloride	0.87	U	0.87	5.50	ug/Kg
74-83-9	Bromomethane	1.20	UQ	1.20	5.50	ug/Kg
75-00-3	Chloroethane	1.40	UQ	1.40	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.50	ug/Kg
67-64-1	Acetone	5.20	U	5.20	27.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.81	U	0.81	5.50	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.50	ug/Kg
75-09-2	Methylene Chloride	3.90	U	3.90	11.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.95	U	0.95	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.89	U	0.89	5.50	ug/Kg
110-82-7	Cyclohexane	0.87	U	0.87	5.50	ug/Kg
78-93-3	2-Butanone	7.20	U	7.20	27.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.83	U	0.83	5.50	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.50	ug/Kg
67-66-3	Chloroform	0.93	U	0.93	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.50	ug/Kg
71-43-2	Benzene	0.87	U	0.87	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.87	U	0.87	5.50	ug/Kg
79-01-6	Trichloroethene	0.90	U	0.90	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.50	ug/Kg
75-27-4	Bromodichloromethane	0.86	U	0.86	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	27.7	ug/Kg
108-88-3	Toluene	0.86	U	0.86	5.50	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/27/25	
Project:	98 Morse Ave, Bloomfield		Date Received:	05/28/25	
Client Sample ID:	VOC		SDG No.:	Q2147	
Lab Sample ID:	Q2147-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	5.48	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022459.D	1	05/29/25 12:02	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.72	U	0.72	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.69	U	0.69	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.50	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	27.7	ug/Kg
124-48-1	Dibromochloromethane	0.96	U	0.96	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	0.97	5.50	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.50	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.50	ug/Kg
100-41-4	Ethyl Benzene	0.74	U	0.74	5.50	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.1	ug/Kg
95-47-6	o-Xylene	0.91	U	0.91	5.50	ug/Kg
100-42-5	Styrene	0.79	U	0.79	5.50	ug/Kg
75-25-2	Bromoform	0.95	U	0.95	5.50	ug/Kg
98-82-8	Isopropylbenzene	0.86	U	0.86	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	3.50	5.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.5		63 - 155	77%	SPK: 50
1868-53-7	Dibromofluoromethane	41.0		70 - 134	82%	SPK: 50
2037-26-5	Toluene-d8	44.2		74 - 123	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	23.9		17 - 146	48%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	23000	7.713			
540-36-3	1,4-Difluorobenzene	34400	8.622			
3114-55-4	Chlorobenzene-d5	20400	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	4360	13.352			
TENTATIVE IDENTIFIED COMPOUNDS						

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	05/27/25	
Project:	98 Morse Ave, Bloomfield		Date Received:	05/28/25	
Client Sample ID:	VOC		SDG No.:	Q2147	
Lab Sample ID:	Q2147-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.4	
Sample Wt/Vol:	5.48	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY022459.D	1	05/29/25 12:02	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013205-57-7	1-Methyldodecylamine	18.8	J		2.10	ug/Kg

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:	Q2147	OrderDate:	5/28/2025 1:30:00 PM
Client:	Sciacca General Contractors, LLC	Project:	98 Morse Ave, Bloomfield
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2147-02	VOC	SOIL	VOC-TCLVOA-10	8260D	05/27/25		05/29/25	05/28/25



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	WASTE	SDG No.:	Q2147
Lab Sample ID:	Q2147-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	81.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TPH GC
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG016006.D	1	06/09/25 10:35	06/10/25 13:08	PB168365

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	5470		469	3460	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	10.6		37 - 130	53%	SPK: 20

Comments:

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:	Q2147	OrderDate:	5/28/2025 1:30:00 PM
Client:	Sciacca General Contractors, LLC	Project:	98 Morse Ave, Bloomfield
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2147-01	WASTE	SOIL			05/27/25			05/28/25
			TPH GC	8015D		06/09/25	06/10/25	
Q2147-03	1	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-04	2	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-05	3	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-06	4	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	
Q2147-07	5	Solid			05/27/25			05/28/25
			EPH_F2	NJEPH		06/03/25	06/03/25	



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	1	SDG No.:	Q2147
Lab Sample ID:	Q2147-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 15:25	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	25.6		1	1.05	4.63	mg/kg	FE054152.D
Total EPH	Total EPH	25.6			1.05	4.63	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:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	1	SDG No.:	Q2147
Lab Sample ID:	Q2147-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054152.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	25.6		1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.37	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.7		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-03	Acq On:	03 Jun 2025 15:25
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE054152.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	224417	1.655	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1697150	12.577	200	ug/ml
Aliphatic C16-C21	10.179	13.552	19961887	151.329	300	ug/ml
Aliphatic C21-C28	13.553	17.220	20767030	167.237	400	ug/ml
Aliphatic C28-C40	17.221	22.091	30468249	263.952	600	ug/ml
Aliphatic EPH	3.085	22.091	73118733	596.751		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	5334008	32.82		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	4947176	41.73		ug/ml
Aliphatic C9-C28	3.085	17.220	42650484	332.798	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	2	SDG No.:	Q2147
Lab Sample ID:	Q2147-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 15:55	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.07		1	1.07	4.68	mg/kg	FE054153.D
Total EPH	Total EPH	5.07			1.07	4.68	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	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
Q = indicates LCS control criteria did not meet requirements	

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	2	SDG No.:	Q2147
Lab Sample ID:	Q2147-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054153.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.07		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.7		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.4		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-04	Acq On:	03 Jun 2025 15:55
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE054153.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	197601	1.458	300	ug/ml
Aliphatic C12-C16	6.731	10.178	725046	5.373	200	ug/ml
Aliphatic C16-C21	10.179	13.552	5003539	37.931	300	ug/ml
Aliphatic C21-C28	13.553	17.220	2672377	21.521	400	ug/ml
Aliphatic C28-C40	17.221	22.091	15756899	136.505	600	ug/ml
Aliphatic EPH	3.085	22.091	24355462	202.788		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4769125	29.35		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	3726369	31.43		ug/ml
Aliphatic C9-C28	3.085	17.220	8598563	66.283	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	3	SDG No.:	Q2147
Lab Sample ID:	Q2147-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 16:25	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1	1.05	4.63	mg/kg	FE054154.D
Total EPH	Total EPH	15.4			1.05	4.63	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:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	3	SDG No.:	Q2147
Lab Sample ID:	Q2147-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054154.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1.37	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-05	Acq On:	03 Jun 2025 16:25
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054154.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	512642	3.782	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1534113	11.369	200	ug/ml
Aliphatic C16-C21	10.179	13.552	12380533	93.855	300	ug/ml
Aliphatic C21-C28	13.553	17.220	11225279	90.397	400	ug/ml
Aliphatic C28-C40	17.221	22.091	31447277	272.434	600	ug/ml
Aliphatic EPH	3.085	22.091	57099844	471.837		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	5657146	34.81		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	4694741	39.6		ug/ml
Aliphatic C9-C28	3.085	17.220	25652567	199.403	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	4	SDG No.:	Q2147
Lab Sample ID:	Q2147-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 17:56	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.2		1	1.07	4.68	mg/kg	FE054157.D
Total EPH	Total EPH	11.2			1.07	4.68	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:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	4	SDG No.:	Q2147
Lab Sample ID:	Q2147-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054157.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.2		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.0		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.0		40 - 140	56%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-06	Acq On:	03 Jun 2025 17:56
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054157.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	3.085	6.730	789835	5.826	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1117068	8.278	200	ug/ml
Aliphatic C16-C21	10.179	13.552	6555704	49.698	300	ug/ml
Aliphatic C21-C28	13.553	17.220	9803241	78.946	400	ug/ml
Aliphatic C28-C40	17.221	22.091	45776422	396.57	600	ug/ml
Aliphatic EPH	3.085	22.091	64042270	539.318		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4550399	28		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3835715	32.36		ug/ml
Aliphatic C9-C28	3.085	17.220	18265848	142.748	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	5	SDG No.:	Q2147
Lab Sample ID:	Q2147-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 18:26	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.64		1	1.07	4.68	mg/kg	FE054158.D
Total EPH	Total EPH	7.64			1.07	4.68	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:	05/27/25
Project:	98 Morse Ave, Bloomfield	Date Received:	05/28/25
Client Sample ID:	5	SDG No.:	Q2147
Lab Sample ID:	Q2147-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054158.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.64		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	16.8		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.8		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.4		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-07	Acq On:	03 Jun 2025 18:26
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054158.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	3.085	6.730	254043	1.874	300	ug/ml
Aliphatic C12-C16	6.731	10.178	698091	5.173	200	ug/ml
Aliphatic C16-C21	10.179	13.552	6953541	52.714	300	ug/ml
Aliphatic C21-C28	13.553	17.220	4952557	39.883	400	ug/ml
Aliphatic C28-C40	17.221	22.091	24840369	215.197	600	ug/ml
Aliphatic EPH	3.085	22.091	37698601	314.841		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	3805179	23.41		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3053172	25.75		ug/ml
Aliphatic C9-C28	3.085	17.220	12858232	99.644	1200	ug/ml

LAB CHRONICLE

OrderID:	Q2147	OrderDate:	5/28/2025 1:30:00 PM
Client:	Sciacca General Contractors, LLC	Project:	98 Morse Ave, Bloomfield
Contact:	Rosanne Scirica	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2147-01	WASTE	SOIL	TPH GC	8015D	05/27/25	06/09/25	06/10/25	05/28/25
Q2147-03	1	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-04	2	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-05	3	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-06	4	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25
Q2147-07	5	Solid	EPH_F2	NJEPH	05/27/25	06/03/25	06/03/25	05/28/25



SHIPPING DOCUMENTS

8

8.1

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488


LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2147	SCIA01	Order Date : 5/28/2025 1:30:00 PM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 98 Morse Ave Nutley	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 5/28/2025 1:37:00 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
Q2147-02	VOC	Solid	05/27/2025	08:00	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :


5-28-25 1435

Received By :

Date / Time :


5/28/25 1435

Storage Area : VOA Refridgerator Room