

DATA PACKAGE

GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : 256-258 6TH AVE PATERSON

SCIACCA GENERAL CONTRACTORS, LLC

2 Shaw Court

Fairfield, NJ - 07004

Phone No: 201-933-6100

ORDER ID : Q3216

ATTENTION : Rosanne Scirica



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3216

Project ID : 256-258 6TH AVE PATERSON

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q3216-01
Q3216-02
Q3216-03
Q3216-04
Q3216-05
Q3216-06
Q3216-07

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.

APPROVED

Signature :

By Nimisha Pandya, QA/QC Supervisor at 10:23 am, Oct 07, 2025

Date: 10/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 256-258 6TH AVE PATERSON

Project # N/A

Order ID # Q3216

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

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 09/25/2025.

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_C. 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.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

EPH_F2 : The MS {Q3216-07MS} with File ID: FC069916.D recoveries met the requirements for all compounds except for Aliphatic [n-Octatriacontane (C38)- 186%] and [n-Tetracontane (C40)- 142%]due to matrix interference.

The MSD recoveries met the requirements for all compounds except following

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

EPH_F2 : The MSD {Q3216-07MSD} with File ID: FC069917.D recoveries met the requirements for all compounds except for Aliphatic [n-Octatriacontane (C38)- 234%] and [n-Tetracontane (C40)- 145%] 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 except following

VOC-TCLVOA-10 : The %RSD is greater than 20% in the Initial Calibration method (82W092525S.M) for Methylene chloride, this compound is passing on Linear regression.

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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:24 am, Oct 07, 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 #: Q3216

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: 10/07/2025

Hit Summary Sheet
SW-846

SDG No.: Q3216
Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	VOC							
Q3216-02	VOC	SOIL	Methylene Chloride	9.50	J	4.00	11.2	ug/Kg
			Total Voc :			9.50		
Q3216-02	VOC	SOIL	n-Hexane	* 6.50	J	0	0	ug/Kg
			Total Tics :			6.50		
			Total Concentration:			16.0		



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/25/25	
Project:	256-258 6TH AVE PATERSON		Date Received:	09/25/25	
Client Sample ID:	VOC		SDG No.:	Q3216	
Lab Sample ID:	Q3216-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	88.1	
Sample Wt/Vol:	5.05	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
VW032279.D	1	09/26/25 14:45	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.30	U	1.30	5.60	ug/Kg
74-87-3	Chloromethane	1.30	U	1.30	5.60	ug/Kg
75-01-4	Vinyl Chloride	0.89	U	0.89	5.60	ug/Kg
74-83-9	Bromomethane	1.20	U	1.20	5.60	ug/Kg
75-00-3	Chloroethane	1.40	U	1.40	5.60	ug/Kg
75-69-4	Trichlorofluoromethane	1.40	U	1.40	5.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1.20	5.60	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.60	ug/Kg
67-64-1	Acetone	5.30	U	5.30	28.1	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	5.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.82	U	0.82	5.60	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	5.60	ug/Kg
75-09-2	Methylene Chloride	9.50	J	4.00	11.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.97	U	0.97	5.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.90	U	0.90	5.60	ug/Kg
110-82-7	Cyclohexane	0.89	U	0.89	5.60	ug/Kg
78-93-3	2-Butanone	7.30	U	7.30	28.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	5.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.84	U	0.84	5.60	ug/Kg
74-97-5	Bromochloromethane	1.30	U	1.30	5.60	ug/Kg
67-66-3	Chloroform	0.94	U	0.94	5.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.60	ug/Kg
108-87-2	Methylcyclohexane	1.00	U	1.00	5.60	ug/Kg
71-43-2	Benzene	0.89	U	0.89	5.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.89	U	0.89	5.60	ug/Kg
79-01-6	Trichloroethene	0.91	U	0.91	5.60	ug/Kg
78-87-5	1,2-Dichloropropane	1.00	U	1.00	5.60	ug/Kg
75-27-4	Bromodichloromethane	0.88	U	0.88	5.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	28.1	ug/Kg
108-88-3	Toluene	0.88	U	0.88	5.60	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/25/25	
Project:	256-258 6TH AVE PATERSON		Date Received:	09/25/25	
Client Sample ID:	VOC		SDG No.:	Q3216	
Lab Sample ID:	Q3216-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	88.1	
Sample Wt/Vol:	5.05	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
VW032279.D	1	09/26/25 14:45	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.73	U	0.73	5.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.70	U	0.70	5.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	5.60	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	28.1	ug/Kg
124-48-1	Dibromochloromethane	0.98	U	0.98	5.60	ug/Kg
106-93-4	1,2-Dibromoethane	0.99	U	0.99	5.60	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	5.60	ug/Kg
108-90-7	Chlorobenzene	1.00	U	1.00	5.60	ug/Kg
100-41-4	Ethyl Benzene	0.75	U	0.75	5.60	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	11.2	ug/Kg
95-47-6	o-Xylene	0.92	U	0.92	5.60	ug/Kg
100-42-5	Styrene	0.80	U	0.80	5.60	ug/Kg
75-25-2	Bromoform	0.97	U	0.97	5.60	ug/Kg
98-82-8	Isopropylbenzene	0.88	U	0.88	5.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	5.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.90	5.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.80	5.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	5.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	3.30	5.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.60	U	3.60	5.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.2		63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	50.9		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	163000	7.959			
540-36-3	1,4-Difluorobenzene	352000	8.849			
3114-55-4	Chlorobenzene-d5	357000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	176000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/25/25	
Project:	256-258 6TH AVE PATERSON		Date Received:	09/25/25	
Client Sample ID:	VOC		SDG No.:	Q3216	
Lab Sample ID:	Q3216-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	88.1	
Sample Wt/Vol:	5.05	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
VW032279.D	1	09/26/25 14:45	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000110-54-3	n-Hexane	6.50	J		5.97	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:	Q3216	OrderDate:	9/26/2025 8:55:00 AM
Client:	Sciacca General Contractors, LLC	Project:	256-258 6TH AVE PATERSON
Contact:	Rosanne Scirica	Location:	J41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3216-02	VOC	SOIL	VOC-TCLVOA-10	8260D	09/25/25		09/26/25	09/25/25



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	WASTE	SDG No.:	Q3216
Lab Sample ID:	Q3216-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	89.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	TPH GC
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF016498.D	1	10/01/25 10:40	10/01/25 18:23	PB169938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	46600		429	3160	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	13.2		37 - 130	66%	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:	Q3216	OrderDate:	9/26/2025 8:55:00 AM
Client:	Sciacca General Contractors, LLC	Project:	256-258 6TH AVE PATERSON
Contact:	Rosanne Scirica	Location:	J41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3216-01	WASTE	SOIL	TPH GC	8015D	09/25/25	10/01/25	10/01/25	09/25/25



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	1	SDG No.:	Q3216
Lab Sample ID:	Q3216-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 13:09	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	17.1		1	1.00	4.41	mg/kg	FC069911.D
Total EPH	Total EPH	17.1			1.00	4.41	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:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	1	SDG No.:	Q3216
Lab Sample ID:	Q3216-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.03 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
FC069911.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	17.1		1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.4		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.7		40 - 140	43%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-03	Acq On:	02 Oct 2025 13:09
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC069911.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.286	6.579	781750	5.855	300	ug/ml
Aliphatic C12-C16	6.580	9.978	4587740	29.282	200	ug/ml
Aliphatic C16-C21	9.979	13.344	16608824	92.503	300	ug/ml
Aliphatic C21-C28	13.345	17.006	18965476	104.815	400	ug/ml
Aliphatic C28-C40	17.007	21.955	45613365	354.479	600	ug/ml
Aliphatic EPH	3.286	21.955	86557155	586.935		ug/ml
ortho-Terphenyl (SURR)	11.644	11.644	4064312	21.7		ug/ml
1-chlorooctadecane (SURR)	13.079	13.079	3542911	22.44		ug/ml
Aliphatic C9-C28	3.286	17.006	40943790	232.455	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	2	SDG No.:	Q3216
Lab Sample ID:	Q3216-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 08:40	10/02/25 13:52	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	14.0		1	1.00	4.41	mg/kg	FC069912.D
Total EPH	Total EPH	14.0			1.00	4.41	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:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	2	SDG No.:	Q3216
Lab Sample ID:	Q3216-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.08 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
FC069912.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	14.0		1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.1		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.9		40 - 140	48%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.6		40 - 140	45%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-04	Acq On:	02 Oct 2025 13:52
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC069912.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.286	6.579	642861	4.815	300	ug/ml
Aliphatic C12-C16	6.580	9.978	3176398	20.274	200	ug/ml
Aliphatic C16-C21	9.979	13.344	16437081	91.547	300	ug/ml
Aliphatic C21-C28	13.345	17.006	13283596	73.414	400	ug/ml
Aliphatic C28-C40	17.007	21.955	36860886	286.46	600	ug/ml
Aliphatic EPH	3.286	21.955	70400822	476.509		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	4239723	22.64		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	3769765	23.87		ug/ml
Aliphatic C9-C28	3.286	17.006	33539936	190.05	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	3	SDG No.:	Q3216
Lab Sample ID:	Q3216-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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
10/02/25 08:40	10/02/25 14:35	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	26.8		1	1.01	4.43	mg/kg	FC069913.D
Total EPH	Total EPH	26.8			1.01	4.43	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:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	3	SDG No.:	Q3216
Lab Sample ID:	Q3216-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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
FC069913.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	26.8		1.01	4.43	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	58.2	E	1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.7		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.4		40 - 140	47%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-05	Acq On:	02 Oct 2025 14:35
Client Sample ID:	3	Operator:	YP/AJ
Data file:	FC069913.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.286	6.579	1235695	9.255	300	ug/ml
Aliphatic C12-C16	6.580	9.978	8060951	51.451	200	ug/ml
Aliphatic C16-C21	9.979	13.344	25242784	140.59	300	ug/ml
Aliphatic C21-C28	13.345	17.006	29300906	161.936	400	ug/ml
Aliphatic C28-C40	17.007	21.955	101707618	790.41	600	ug/ml
Aliphatic EPH	3.286	21.955	165547954	1150		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	4389417	23.44		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	3895801	24.67		ug/ml
Aliphatic C9-C28	3.286	17.006	63840336	363.232	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	4	SDG No.:	Q3216
Lab Sample ID:	Q3216-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.8
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
10/02/25 08:40	10/02/25 15:18	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1	1.00	4.40	mg/kg	FC069914.D
Total EPH	Total EPH	15.4			1.00	4.40	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:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	4	SDG No.:	Q3216
Lab Sample ID:	Q3216-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.8
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
FC069914.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1.00	4.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.7		1.30	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.1		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.4		40 - 140	49%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-06	Acq On:	02 Oct 2025 15:18
Client Sample ID:	4	Operator:	YP/AJ
Data file:	FC069914.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.286	6.579	808953	6.059	300	ug/ml
Aliphatic C12-C16	6.580	9.978	4373360	27.914	200	ug/ml
Aliphatic C16-C21	9.979	13.344	15079511	83.986	300	ug/ml
Aliphatic C21-C28	13.345	17.006	16571602	91.585	400	ug/ml
Aliphatic C28-C40	17.007	21.955	73180224	568.712	600	ug/ml
Aliphatic EPH	3.286	21.955	110013650	778.256		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	4564667	24.37		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	3970689	25.14		ug/ml
Aliphatic C9-C28	3.286	17.006	36833426	209.544	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	5	SDG No.:	Q3216
Lab Sample ID:	Q3216-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
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
10/02/25 08:40	10/02/25 16:01	PB169949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	17.0		1	1.01	4.47	mg/kg	FC069915.D
Total EPH	Total EPH	17.0			1.01	4.47	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:	09/25/25
Project:	256-258 6TH AVE PATERSON	Date Received:	09/25/25
Client Sample ID:	5	SDG No.:	Q3216
Lab Sample ID:	Q3216-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
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
FC069915.D	1	10/02/25	10/02/25	PB169949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	17.0		1.01	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.7		1.32	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	21.5		40 - 140	43%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.4		40 - 140	43%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3216-07	Acq On:	02 Oct 2025 16:01
Client Sample ID:	5	Operator:	YP/AJ
Data file:	FC069915.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.286	6.579	950580	7.119	300	ug/ml
Aliphatic C12-C16	6.580	9.978	5380987	34.345	200	ug/ml
Aliphatic C16-C21	9.979	13.344	16473472	91.749	300	ug/ml
Aliphatic C21-C28	13.345	17.006	17302134	95.623	400	ug/ml
Aliphatic C28-C40	17.007	21.955	73968264	574.837	600	ug/ml
Aliphatic EPH	3.286	21.955	114075437	803.673		ug/ml
ortho-Terphenyl (SURR)	11.649	11.649	4010342	21.41		ug/ml
1-chlorooctadecane (SURR)	13.084	13.084	3393676	21.49		ug/ml
Aliphatic C9-C28	3.286	17.006	40107173	228.836	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3216	OrderDate:	9/26/2025 8:55:00 AM
Client:	Sciacca General Contractors, LLC	Project:	256-258 6TH AVE PATERSON
Contact:	Rosanne Scirica	Location:	J41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3216-01	WASTE	SOIL	TPH GC	8015D	09/25/25	10/01/25	10/01/25	09/25/25
Q3216-03	1	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-04	2	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-05	3	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-06	4	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25
Q3216-07	5	Solid	EPH_F2	NJEPH	09/25/25	10/02/25	10/02/25	09/25/25



SHIPPING DOCUMENTS

Chemtech Project Number	104553
COC Number	

Chemtech Project Number

03216

PINK - SAMPLE 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 : Q3216 SCIA01

Order Date : 9/26/2025 8:55:00 AM

Project Mgr :

Client Name : Sciacca General Contractor

Project Name : 256-258 6TH AVE PATERS

Report Type : Results Only

Client Contact : Rosanne Scirica

Receive DateTime : 9/25/2025 5:30:00 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
Q3216-02	VOC	Solid	09/25/2025	08:15	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 9/26/25 1045

Received By : 

Date / Time : 09/26/25

11:21

Storage Area : VOA Refridgerator Room