

DATA PACKAGE

GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : 89 E. CENTRE ST, NUTLEY

SCIACCA GENERAL CONTRACTORS, LLC

2 Shaw Court

Fairfield, NJ - 07004

Phone No: 201-933-6100

ORDER ID : Q2486

ATTENTION : Rosanne Scirica



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2486

Project ID : 89 E. Centre St, Nutley

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q2486-01
Q2486-02
Q2486-03
Q2486-04
Q2486-05
Q2486-06
Q2486-07

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: 7/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Sciacca General Contractors, LLC
Project Name: 89 E. Centre St, Nutley
Project # N/A
Order ID # Q2486
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 07/01/2025.

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.
The Retention Times were acceptable for all samples.

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.

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.

Trip Blank was not provided with this set of samples.

The soil samples 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.

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_____

CASE NARRATIVE

Sciaccia General Contractors, LLC
Project Name: 89 E. Centre St, Nutley
Project # N/A
Order ID # Q2486
Test Name: EPH_F2

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 07/01/2025.

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_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. 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 {Q2486-03MS} with File ID: FC069393.D recoveries met the requirements for all compounds except for Aliphatic [n-Tetracontane (C40) -143%] due to matrix interference.

The MS {Q2486-03MSD} with File ID: FC069394.D recoveries met the requirements for all compounds except for Aliphatic [n-Octatriacontane (C38) -165%], [n-Tetracontane (C40) -161%] due to matrix interference.

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 .



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

E. Additional Comments:

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

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_____

CASE NARRATIVE

Sciacca General Contractors, LLC
Project Name: 89 E. Centre St, Nutley
Project # N/A
Order ID # Q2486
Test Name: TPH GC

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 07/01/2025.

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 and 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.

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.

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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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_____

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: <ol 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 #: Q2486

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: 07/15/2025

Hit Summary Sheet
SW-846

SDG No.: Q2486

Client: Sciacca General Contractors, LLC

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

Client ID:

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	07/01/25	
Project:	89 E. Centre St, Nutley		Date Received:	07/01/25	
Client Sample ID:	VOC		SDG No.:	Q2486	
Lab Sample ID:	Q2486-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	83.7	
Sample Wt/Vol:	5	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
VY022935.D	1	07/03/25 12:16	VY070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	6.00	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.00	ug/Kg
75-01-4	Vinyl Chloride	0.94	U	0.94	6.00	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.00	ug/Kg
75-00-3	Chloroethane	1.50	U	1.50	6.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.40	U	1.40	6.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.20	U	1.20	6.00	ug/Kg
67-64-1	Acetone	5.70	U	5.70	29.9	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	6.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.87	U	0.87	6.00	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	6.00	ug/Kg
75-09-2	Methylene Chloride	4.20	U	4.20	11.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.00	U	1.00	6.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.96	U	0.96	6.00	ug/Kg
110-82-7	Cyclohexane	0.94	U	0.94	6.00	ug/Kg
78-93-3	2-Butanone	7.80	U	7.80	29.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.90	U	0.90	6.00	ug/Kg
74-97-5	Bromochloromethane	1.40	U	1.40	6.00	ug/Kg
67-66-3	Chloroform	1.00	U	1.00	6.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.10	U	1.10	6.00	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.00	ug/Kg
71-43-2	Benzene	0.94	U	0.94	6.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.94	U	0.94	6.00	ug/Kg
79-01-6	Trichloroethene	0.97	U	0.97	6.00	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	6.00	ug/Kg
75-27-4	Bromodichloromethane	0.93	U	0.93	6.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.30	U	4.30	29.9	ug/Kg
108-88-3	Toluene	0.93	U	0.93	6.00	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	07/01/25	
Project:	89 E. Centre St, Nutley		Date Received:	07/01/25	
Client Sample ID:	VOC		SDG No.:	Q2486	
Lab Sample ID:	Q2486-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	83.7	
Sample Wt/Vol:	5	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
VY022935.D	1	07/03/25 12:16	VY070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.78	U	0.78	6.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.74	U	0.74	6.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.00	ug/Kg
591-78-6	2-Hexanone	4.40	U	4.40	29.9	ug/Kg
124-48-1	Dibromochloromethane	1.00	U	1.00	6.00	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.00	ug/Kg
127-18-4	Tetrachloroethene	1.30	U	1.30	6.00	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	6.00	ug/Kg
100-41-4	Ethyl Benzene	0.80	U	0.80	6.00	ug/Kg
179601-23-1	m/p-Xylenes	1.50	U	1.50	11.9	ug/Kg
95-47-6	o-Xylene	0.98	U	0.98	6.00	ug/Kg
100-42-5	Styrene	0.85	U	0.85	6.00	ug/Kg
75-25-2	Bromoform	1.00	U	1.00	6.00	ug/Kg
98-82-8	Isopropylbenzene	0.93	U	0.93	6.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	6.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	2.00	6.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	6.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.70	U	1.70	6.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.20	U	2.20	6.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.50	U	3.50	6.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.80	U	3.80	6.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	259000	7.707			
540-36-3	1,4-Difluorobenzene	478000	8.616			
3114-55-4	Chlorobenzene-d5	460000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	192000	13.346			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	07/01/25	
Project:	89 E. Centre St, Nutley		Date Received:	07/01/25	
Client Sample ID:	VOC		SDG No.:	Q2486	
Lab Sample ID:	Q2486-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	83.7	
Sample Wt/Vol:	5	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
VY022935.D	1	07/03/25 12:16	VY070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	Q2486	OrderDate:	7/2/2025 9:45:00 AM
Client:	Sciacca General Contractors, LLC	Project:	89 E. Centre St, Nutley
Contact:	Rosanne Scirica	Location:	A61,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2486-02	VOC	SOIL	VOC-TCLVOA-10	8260D	07/01/25		07/03/25	07/01/25



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
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
07/08/25 09:05	07/08/25 14:52	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.29	J	1	1.08	4.75	mg/kg	FC069392.D
Total EPH	Total EPH	4.29	J		1.08	4.75	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:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
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
FC069392.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.29	J	1.08	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.3		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.9		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.7		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-03	Acq On:	08 Jul 2025 14:52
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC069392.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	3.303	6.602	503054	3.43	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1489627	9.356	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2796414	18.107	300	ug/ml
Aliphatic C21-C28	13.375	17.040	3144439	23.472	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13199171	143.275	600	ug/ml
Aliphatic EPH	3.303	22.023	21132705	197.641		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	6335694	36.67		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4815098	36.86		ug/ml
Aliphatic C9-C28	3.303	17.040	7933534	54.365	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	2	SDG No.:	Q2486
Lab Sample ID:	Q2486-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
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
07/08/25 09:05	07/08/25 17:26	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1	1.11	4.85	mg/kg	FC069395.D
Total EPH	Total EPH	3.17	J		1.11	4.85	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:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	2	SDG No.:	Q2486
Lab Sample ID:	Q2486-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
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
FC069395.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1.11	4.85	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.5		1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.1		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.2		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-04	Acq On:	08 Jul 2025 17:26
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC069395.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	454352	3.098	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1325119	8.323	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2022605	13.097	300	ug/ml
Aliphatic C21-C28	13.375	17.040	1954827	14.592	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13127284	142.495	600	ug/ml
Aliphatic EPH	3.303	22.023	18884187	181.605		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	4525072	26.19		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	3411517	26.11		ug/ml
Aliphatic C9-C28	3.303	17.040	5756903	39.11	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
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
07/08/25 09:05	07/08/25 15:00	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.35	J	1	1.09	4.80	mg/kg	FE054741.D
Total EPH	Total EPH	3.35	J		1.09	4.80	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:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
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
FE054741.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.35	J	1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.6		1.41	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.4		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.6		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-05	Acq On:	08 Jul 2025 15:00
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054741.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	3.323	6.956	304472	2.238	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1138537	8.1	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2020424	13.992	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2543322	17.582	400	ug/ml
Aliphatic C28-C40	17.459	22.482	21836151	157.494	600	ug/ml
Aliphatic EPH	3.323	22.482	27842906	199.406		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4644078	28.6		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	3583162	28.37		ug/ml
Aliphatic C9-C28	3.323	17.458	6006755	41.912	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	4	SDG No.:	Q2486
Lab Sample ID:	Q2486-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
07/08/25 09:05	07/08/25 15:31	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.56	J	1	1.07	4.72	mg/kg	FE054742.D
Total EPH	Total EPH	3.56	J		1.07	4.72	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:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	4	SDG No.:	Q2486
Lab Sample ID:	Q2486-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
FE054742.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.56	J	1.07	4.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.6		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.5		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-06	Acq On:	08 Jul 2025 15:31
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054742.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	722474	5.31	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1265468	9.003	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2114929	14.647	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2352581	16.264	400	ug/ml
Aliphatic C28-C40	17.459	22.482	20486736	147.761	600	ug/ml
Aliphatic EPH	3.323	22.482	26942188	192.985		ug/ml
ortho-Terphenyl (SURR)	12.087	12.087	5160674	31.78		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	3982934	31.54		ug/ml
Aliphatic C9-C28	3.323	17.458	6455452	45.224	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
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
07/08/25 09:05	07/08/25 16:02	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.66	J	1	1.23	5.40	mg/kg	FE054743.D
Total EPH	Total EPH	2.66	J		1.23	5.40	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:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
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
FE054743.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2.66	J	1.23	5.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.2		1.59	2.70	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.4		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-07	Acq On:	08 Jul 2025 16:02
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054743.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	319224	2.346	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1038668	7.389	200	ug/ml
Aliphatic C16-C21	10.410	13.786	1412791	9.784	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1457235	10.074	400	ug/ml
Aliphatic C28-C40	17.459	22.482	15692772	113.185	600	ug/ml
Aliphatic EPH	3.323	22.482	19920690	142.778		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4945580	30.45		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3803294	30.11		ug/ml
Aliphatic C9-C28	3.323	17.458	4227918	29.593	1200	ug/ml

LAB CHRONICLE

OrderID:	Q2486	OrderDate:	7/2/2025 9:45:00 AM
Client:	Sciacca General Contractors, LLC	Project:	89 E. Centre St, Nutley
Contact:	Rosanne Scirica	Location:	A61,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2486-01	WASTE	SOIL			07/01/25			07/01/25
			TPH GC	8015D		07/10/25	07/10/25	
Q2486-03	1	Solid			07/01/25			07/01/25
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-04	2	Solid			07/01/25			07/01/25
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-05	3	Solid			07/01/25			07/01/25
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-06	4	Solid			07/01/25			07/01/25
			EPH_F2	NJEPH		07/08/25	07/08/25	
Q2486-07	5	Solid			07/01/25			07/01/25
			EPH_F2	NJEPH		07/08/25	07/08/25	



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	WASTE	SDG No.:	Q2486
Lab Sample ID:	Q2486-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	83.5
Sample Wt/Vol:	30.04	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
FF016142.D	1	07/10/25 09:00	07/10/25 17:42	PB168785

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	35700		459	3390	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	11.1		37 - 130	56%	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:	Q2486	OrderDate:	7/2/2025 9:45:00 AM
Client:	Sciacca General Contractors, LLC	Project:	89 E. Centre St, Nutley
Contact:	Rosanne Scirica	Location:	A61,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2486-01	WASTE	SOIL	TPH GC	8015D	07/01/25	07/10/25	07/10/25	07/01/25
Q2486-03	1	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-04	2	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-05	3	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-06	4	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-07	5	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25



SHIPPING DOCUMENTS

22486

8

8.1

79. E. Centre St.

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number Notley
COC Number

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION												
Report to be sent to:			PROJECT NAME:			BILL TO:												
COMPANY:			PROJECT #:			PO#												
ADDRESS:			LOCATION:			ADDRESS:												
CITY: STATE: ZIP:			PROJECT MANAGER:			CITY: STATE: ZIP:												
ATTENTION:			E-MAIL:			ATTENTION:												
PHONE: FAX:			PHONE: FAX:			PHONE:												
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS												
FAX (RUSH) _____ DAYS*			<input type="checkbox"/> Level 1 (Results Only) <input type="checkbox"/> Level 4 (QC + Full Raw Data) <input type="checkbox"/> Level 2 (Results + QC) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> US EPA CLP <input type="checkbox"/> Level 3 (Results + QC + Raw Data) <input type="checkbox"/> NYS ASP A <input type="checkbox"/> NYS ASP B <input type="checkbox"/> EDD FORMAT _____ <input type="checkbox"/> Other _____															
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 ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	WASTE				7-1-25	8:30	1	X										
2.	VOC				7-1-25	8:30	1		X									
3.	1				7-1-25	8:30	1			X								
4.	2				7-1-25	8:30	1			X								
5.	3				7-1-25	8:30	1			X								
6.	4				7-1-25	8:30	1			X								
7.	5				7-1-25	8:30	1			X								
8.																		
9.																		
10.																		
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER		DATE/TIME	RECEIVED BY	Conditions of bottles or collars at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>2.75</u>														
1.			1. <u>[Signature]</u>	Comments: <u>[Signature]</u>														
RELINQUISHED BY		DATE/TIME	RECEIVED BY															
2.			2. <u>[Signature]</u>															
RELINQUISHED BY		DATE/TIME	RECEIVED FOR LAB BY	Page _____ of _____		CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other: _____		Shipment Complete										
3. <u>[Signature]</u>		7-1-25	3. <u>[Signature]</u>			CHEMTECH: <input type="checkbox"/> Picked Up		<input type="checkbox"/> YES <input type="checkbox"/> NO										

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

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 : Q2486	SCIA01	Order Date : 7/2/2025 9:45:00 AM	Project Mgr :
Client Name : Sciacca General Contractor:		89 E. Centre St, Nutley	
Client Contact : Rosanne Scirica	Project Name : 98 Morse Ave Nutley	Report Type : Results Only	
Invoice Name : Sciacca General Contractor:	Receive DateTime : 7/1/2025 6:18:00 PM	EDD Type : EXCEL NJCLEANUP	
Invoice Contact : Rosanne Scirica	Purchase Order :	YG	Hard Copy Date :
		07/14/2025	Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2486-02	VOC	Solid	07/01/2025	09:30	VOC-TCLVOA-10		8260D	10 Bus. Days	

JAN

Stored in vault
Ex #102
At 10/2/2025

Relinquished By :

Date / Time : 7-2-25 1023

Received By :

Date / Time : 7-2-25 10:30

Storage Area : VOA Refridgerator Room