

DATA PACKAGE

GC SEMI-VOLATILES
VOLATILE ORGANICS

PROJECT NAME : 29-35 FRELINGHUYSEN AVE, NEWARK

SCIACCA GENERAL CONTRACTORS, LLC

2 Shaw Court

Fairfield, NJ - 07004

Phone No: 201-933-6100

ORDER ID : Q3012

ATTENTION : Rosanne Scirica



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) VOC-TCLVOA-10- Case Narrative	4
2.2) EPH_F2- Case Narrative	6
3) Qualifier Page	8
4) QA Checklist	9
5) VOC-TCLVOA-10 Data	10
6) EPH_F2 Data	16
7) TPH GC Data	33
8) Shipping Document	36
8.1) CHAIN OF CUSTODY	37
8.2) ROC	38
8.3) Lab Certificate	39
8.4) Internal COC	40

Cover Page

Order ID : Q3012

Project ID : 29-35 Frelinghuysen Ave, Newark

Client : Sciacca General Contractors, LLC

Lab Sample Number

Q3012-01
Q3012-02
Q3012-03
Q3012-04
Q3012-05
Q3012-06
Q3012-07

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: 9/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Sciacca General Contractors, LLC

Project Name: 29-35 Frelinghuysen Ave, Newark

Project # N/A

Order ID # Q3012

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 09/03/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: 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 were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

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 %RSD is greater than 20% in the Initial Calibration method (82Y081225S.M) for Methylene chloride passing on Linear regression.

The Continuous Calibration File ID VY023278.D met the requirements except for Acetone and Bromoform are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:

The temperature of the samples at the time of receipt was 6.1°C . Lab notified this issue to the client. See the communication in shipping Document section.

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

Sciacca General Contractors, LLC

Project Name: 29-35 Frelinghuysen Ave, Newark

Project # N/A

Order ID # Q3012

Test Name: EPH_F2,TPH GC

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 09/03/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested:

. This data package contains results for EPH_F2(NJEPH), TPH GC(8015D).

C. Analytical Techniques:

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

TPH GC : 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 were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds except following

EPH_F2 : The MS {Q3011-05MS} with File ID: FE055666.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10)- 187%] due to matrix interference.

TPH GC : The MS {Q2998-01MS} with File ID: FG016549.D recoveries met the

requirements for all compounds except for Petroleum Hydrocarbons[-149%] due to matrix interference.

The MSD recoveries met the requirements for all compounds except following

EPH_F2 : The MSD {Q3011-05MSD} with File ID: FE055667.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10)- 197%] due to matrix interference.

TPH GC : The MSD {Q2998-01MSD} with File ID: FG016550.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[-99%] due to matrix interference .

The RPD were met for all analysis except following
TPH GC : The RPD for {Q2998-01MSD} with File ID: FG016550.D met criteria except for Petroleum Hydrocarbons[40.6%] due to difference in MS and MSD concentrations.

The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

E. Additional Comments:

The temperature of the samples at the time of receipt was 6.1°C. Lab notified this issue to the client. See the communication in shipping Document section.
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_____

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 #: Q3012

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: 09/08/2025

Hit Summary Sheet
SW-846

SDG No.: Q3012

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:	09/03/25	
Project:	29-35 Frelinghuysen Ave, Newark		Date Received:	09/03/25	
Client Sample ID:	VOC		SDG No.:	Q3012	
Lab Sample ID:	Q3012-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.6	
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
VY023284.D	1	09/04/25 13:09	VY090425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.83	U	0.83	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.20	ug/Kg
67-64-1	Acetone	5.00	U	5.00	26.2	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.76	U	0.76	5.20	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.20	ug/Kg
75-09-2	Methylene Chloride	3.70	U	3.70	10.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.90	U	0.90	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.84	U	0.84	5.20	ug/Kg
110-82-7	Cyclohexane	0.83	U	0.83	5.20	ug/Kg
78-93-3	2-Butanone	6.80	U	6.80	26.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.78	U	0.78	5.20	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.20	ug/Kg
67-66-3	Chloroform	0.88	U	0.88	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.97	U	0.97	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.95	U	0.95	5.20	ug/Kg
71-43-2	Benzene	0.83	U	0.83	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.83	U	0.83	5.20	ug/Kg
79-01-6	Trichloroethene	0.85	U	0.85	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.95	U	0.95	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.82	U	0.82	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	26.2	ug/Kg
108-88-3	Toluene	0.82	U	0.82	5.20	ug/Kg

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/03/25	
Project:	29-35 Frelinghuysen Ave, Newark		Date Received:	09/03/25	
Client Sample ID:	VOC		SDG No.:	Q3012	
Lab Sample ID:	Q3012-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.6	
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
VY023284.D	1	09/04/25 13:09	VY090425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.68	U	0.68	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.65	U	0.65	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	5.20	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.2	ug/Kg
124-48-1	Dibromochloromethane	0.91	U	0.91	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.92	U	0.92	5.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.20	ug/Kg
108-90-7	Chlorobenzene	0.95	U	0.95	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.70	U	0.70	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.5	ug/Kg
95-47-6	o-Xylene	0.86	U	0.86	5.20	ug/Kg
100-42-5	Styrene	0.74	U	0.74	5.20	ug/Kg
75-25-2	Bromoform	0.90	U	0.90	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.82	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	3.10	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	3.30	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.3		63 - 155	119%	SPK: 50
1868-53-7	Dibromofluoromethane	58.0		70 - 134	116%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.1		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	342000	7.713			
540-36-3	1,4-Difluorobenzene	619000	8.615			
3114-55-4	Chlorobenzene-d5	570000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	227000	13.346			

Report of Analysis

Client:	Sciacca General Contractors, LLC		Date Collected:	09/03/25	
Project:	29-35 Frelinghuysen Ave, Newark		Date Received:	09/03/25	
Client Sample ID:	VOC		SDG No.:	Q3012	
Lab Sample ID:	Q3012-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	95.6	
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
VY023284.D	1	09/04/25 13:09	VY090425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

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:	Q3012	OrderDate:	9/3/2025 3:58:00 PM
Client:	Sciacca General Contractors, LLC	Project:	29-35 Frelinghuysen Ave, Newark
Contact:	Rosanne Scirica	Location:	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3012-02	VOC	SOIL	VOC-TCLVOA-10	8260D	09/03/25		09/04/25	09/03/25



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	1	SDG No.:	Q3012
Lab Sample ID:	Q3012-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
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
09/04/25 09:05	09/04/25 19:04	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.14	J	1	0.96	4.24	mg/kg	FE055671.D
Total EPH	Total EPH	3.14	J		0.96	4.24	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	1	SDG No.:	Q3012
Lab Sample ID:	Q3012-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.3
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
FE055671.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.14	J	0.96	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.64		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.2		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.6		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-03	Acq On:	04 Sep 2025 19:04
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FE055671.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	3.312	6.946	371346	2.892	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1156946	8.564	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1949208	13.516	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2804495	19.58	400	ug/ml
Aliphatic C28-C40	17.449	22.463	10998670	79.863	600	ug/ml
Aliphatic EPH	3.312	22.463	17280665	124.414		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	4701325	28.62		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3649404	29.18		ug/ml
Aliphatic C9-C28	3.312	17.448	6281995	44.552	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3012
Lab Sample ID:	Q3012-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 19:34	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.13	J	1	0.97	4.28	mg/kg	FE055672.D
Total EPH	Total EPH	3.13	J		0.97	4.28	mg/kg	

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

U = Not Detected	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	2	SDG No.:	Q3012
Lab Sample ID:	Q3012-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.07 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
FE055672.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.13	J	0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.30		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.2		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.1		40 - 140	58%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-04	Acq On:	04 Sep 2025 19:34
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE055672.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	3.312	6.946	794192	6.185	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1150039	8.513	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1826491	12.665	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2368744	16.537	400	ug/ml
Aliphatic C28-C40	17.449	22.463	10244219	74.385	600	ug/ml
Aliphatic EPH	3.312	22.463	16383685	118.285		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4782977	29.11		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3652543	29.21		ug/ml
Aliphatic C9-C28	3.312	17.448	6139466	43.9	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	3	SDG No.:	Q3012
Lab Sample ID:	Q3012-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/04/25 09:05	09/04/25 20:05	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.08	J	1	0.97	4.25	mg/kg	FE055673.D
Total EPH	Total EPH	3.08	J		0.97	4.25	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	3	SDG No.:	Q3012
Lab Sample ID:	Q3012-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.04 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
FE055673.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.08	J	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.58		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.9		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-05	Acq On:	04 Sep 2025 20:05
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE055673.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	3.312	6.946	813583	6.336	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1142816	8.459	200	ug/ml
Aliphatic C16-C21	10.399	13.777	1831993	12.703	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2289311	15.983	400	ug/ml
Aliphatic C28-C40	17.449	22.463	8907035	64.675	600	ug/ml
Aliphatic EPH	3.312	22.463	14984738	108.156		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4538877	27.63		ug/ml
1-chlorooctadecane (SURR)	13.510	13.510	3489741	27.91		ug/ml
Aliphatic C9-C28	3.312	17.448	6077703	43.481	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3012
Lab Sample ID:	Q3012-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
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
09/04/25 09:05	09/04/25 20:35	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.94		1	0.96	4.21	mg/kg	FE055674.D
Total EPH	Total EPH	4.94			0.96	4.21	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	4	SDG No.:	Q3012
Lab Sample ID:	Q3012-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
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
FE055674.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.94		0.96	4.21	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.83		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.4		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.8		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-06	Acq On:	04 Sep 2025 20:35
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE055674.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	343015	2.671	300	ug/ml
Aliphatic C12-C16	6.947	10.398	952004	7.047	200	ug/ml
Aliphatic C16-C21	10.399	13.777	6163158	42.735	300	ug/ml
Aliphatic C21-C28	13.778	17.448	2565891	17.914	400	ug/ml
Aliphatic C28-C40	17.449	22.463	9473676	68.79	600	ug/ml
Aliphatic EPH	3.312	22.463	19497744	139.157		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4410059	26.84		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	3431139	27.44		ug/ml
Aliphatic C9-C28	3.312	17.448	10024068	70.367	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	5	SDG No.:	Q3012
Lab Sample ID:	Q3012-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
09/04/25 09:05	09/04/25 21:06	PB169545

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.54	J	1	0.99	4.35	mg/kg	FE055675.D
Total EPH	Total EPH	3.54	J		0.99	4.35	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:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	5	SDG No.:	Q3012
Lab Sample ID:	Q3012-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
FE055675.D	1	09/04/25	09/04/25	PB169545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.54	J	0.99	4.35	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.02		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.2		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.1		40 - 140	50%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3012-07	Acq On:	04 Sep 2025 21:06
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE055675.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.946	532011	4.143	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1214855	8.993	200	ug/ml
Aliphatic C16-C21	10.399	13.777	2099058	14.555	300	ug/ml
Aliphatic C21-C28	13.778	17.448	3039525	21.22	400	ug/ml
Aliphatic C28-C40	17.449	22.463	11454764	83.174	600	ug/ml
Aliphatic EPH	3.312	22.463	18340213	132.086		ug/ml
ortho-Terphenyl (SURR)	12.072	12.072	4125248	25.11		ug/ml
1-chlorooctadecane (SURR)	13.508	13.508	3147487	25.17		ug/ml
Aliphatic C9-C28	3.312	17.448	6885449	48.911	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3012	OrderDate:	9/3/2025 3:58:00 PM
Client:	Sciacca General Contractors, LLC	Project:	29-35 Frelinghuysen Ave, Newark
Contact:	Rosanne Scirica	Location:	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3012-03	1	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-04	2	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-05	3	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-06	4	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-07	5	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25



SAMPLE DATA

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	09/03/25
Project:	29-35 Frelinghuysen Ave, Newark	Date Received:	09/03/25
Client Sample ID:	WASTE	SDG No.:	Q3012
Lab Sample ID:	Q3012-01	Matrix:	SOIL
Analytical Method:	8015D TPH	% Solid:	94.4
Sample Wt/Vol:	30.02 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
FG016543.D	1	09/04/25 08:45	09/04/25 12:48	PB169544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
PHC	Petroleum Hydrocarbons	28000		407	3000	ug/kg
SURROGATES						
16416-32-3	TETRACOSANE-d50	8.72		37 - 130	44%	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:	Q3012	OrderDate:	9/3/2025 3:58:00 PM
Client:	Sciacca General Contractors, LLC	Project:	29-35 Frelinghuysen Ave, Newark
Contact:	Rosanne Scirica	Location:	J42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3012-01	WASTE	SOIL	TPH GC	8015D	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-03	1	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-04	2	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-05	3	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-06	4	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25
Q3012-07	5	Solid	EPH_F2	NJEPH	09/03/25	09/04/25	09/04/25	09/03/25



SHIPPING DOCUMENTS

Q 3012

29-35 Frelinghuysen Ave

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number Newark
 COC Number

CLIENT INFORMATION			PROJECT INFORMATION				BILLING INFORMATION											
Report to be sent to:			PROJECT NAME:		LOCATION:		BILL TO:		PO#									
COMPANY:			PROJECT #:		PROJECT MANAGER:		ADDRESS:		CITY:									
ADDRESS:			E-MAIL:		PHONE:		ATTENTION:		STATE:									
CITY:			FAX:		PHONE:		ZIP:											
STATE:																		
ATTENTION:																		
PHONE:																		
FAX:																		
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: _____ DAYS* <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD FORMAT _____															
HARDCOPY (DATA PACKAGE): _____ DAYS*																		
EDD: _____ DAYS*																		
*TO BE APPROVED BY CHEMTECH																		
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																		
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	ORG	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	WASTE				9/3	7:30	1	X										
2.	VOC				9/3	7:45	1		X									
3.	1				9/3	10:15	1				X							
4.	2				9/3	9:15	1				X							
5.	3				9/3	10:30	1				X							
6.	4				9/3	8:45	1				X							
7.	5				9/3	8:15	1				X							
8.																		
9.																		
10.																		
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER		DATE/TIME 9-3-25		RECEIVED BY 1543		Conditions of bottles or colors at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 61.6												
1.		9-3-25		1. [Signature]		Comments:												
RELINQUISHED BY		DATE/TIME		RECEIVED BY														
2.				2.														
RELINQUISHED BY		DATE/TIME 9-3-25		RECEIVED FOR LAB BY		Page _____ of _____												
3.		9-3-25		3.		CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other: _____		Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO										
						CHEMTECH: <input type="checkbox"/> Picked Up												

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Sent: Wednesday, September 10, 2025 2:22 PM
To: Rosanne Riccardi- Scirica
Subject: Q3012

Good afternoon Rosanne,

Just a heads up the cooler was received over temp range of 6.

Best Regards,



Yazmeen Gomez

Sr. Project Manager

An Alliance Technical Group Company

Main: 908-789-8900

Direct: 908-728-3147

Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092

www.alliancetg.com



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 : Q3012	SCIA01	Order Date : 9/3/2025 3:58:00 PM	Project Mgr :
Client Name : Sciacca General Contractor:		Project Name : 29-35 Frelinghuysen Ave, N	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 9/3/2025 4:00:00 PM <i>4:25</i>	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
Q3012-02	VOC	Solid	09/03/2025	07:45	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :

[Signature]
9-3-25 1630

Received By :

Date / Time :

[Signature]
09/04/25

12:60

Storage Area : VOA Refridgerator Room