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

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 :			

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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	14.0		1	1.00	2.20	4.41	mg/kg	FC069912.D
Total EPH	Total EPH	14.0			1.00	2.20	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

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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	14.0		1	1.00	2.20	4.41	mg/kg	FC069912.D
Total EPH	Total EPH	14.0			1.00	2.20	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.

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LOD = Limit of Detection
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Prep Method :			

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10/02/25 08:40	10/02/25 13:52	PB169949

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
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.

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Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
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Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
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.

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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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
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.

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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

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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