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:	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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	26.8		1	1.01	2.21	4.43	mg/kg	FC069913.D
Total EPH	Total EPH	26.8			1.01	2.21	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

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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	26.8		1	1.01	2.21	4.43	mg/kg	FC069913.D
Total EPH	Total EPH	26.8			1.01	2.21	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.

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

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Sample Wt/Vol:	30.06 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 14:35	PB169949

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

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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

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

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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

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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