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:	05/27/25
Project:	98 Morse Ave Nutley	Date Received:	05/28/25
Client Sample ID:	2	SDG No.:	Q2147
Lab Sample ID:	Q2147-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
06/03/25 10:00	06/03/25 15:55	PB168239

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.07		1	1.07	4.68	mg/kg	FE054153.D
Total EPH	Total EPH	5.07			1.07	4.68	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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Total EPH	Total EPH	5.07			1.07	4.68	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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Project:	98 Morse Ave Nutley	Date Received:	05/28/25
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Analytical Method:	NJEPH	% Solid:	85.2
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
FE054153.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.07		1.07	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.7		1.38	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.4		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2147-04	Acq On:	03 Jun 2025 15:55
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FE054153.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	197601	1.458	300	ug/ml
Aliphatic C12-C16	6.731	10.178	725046	5.373	200	ug/ml
Aliphatic C16-C21	10.179	13.552	5003539	37.931	300	ug/ml
Aliphatic C21-C28	13.553	17.220	2672377	21.521	400	ug/ml
Aliphatic C28-C40	17.221	22.091	15756899	136.505	600	ug/ml
Aliphatic EPH	3.085	22.091	24355462	202.788		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	4769125	29.35		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	3726369	31.43		ug/ml
Aliphatic C9-C28	3.085	17.220	8598563	66.283	1200	ug/ml