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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	PB168877BS	SDG No.:	Q2600
Lab Sample ID:	PB168877BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/16/25 09:25	07/17/25 1:45	PB168877

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.57		1	0.14	1.00	mg/kg	FC069471.D
Aliphatic C12-C16	Aliphatic C12-C16	5.75		1	0.11	0.67	mg/kg	FC069471.D
Aliphatic C16-C21	Aliphatic C16-C21	9.66		1	0.13	1.00	mg/kg	FC069471.D
Aliphatic C21-C28	Aliphatic C21-C28	13.5		1	0.53	1.33	mg/kg	FC069471.D
Aliphatic C28-C40	Aliphatic C28-C40	22.6		1	1.18	2.00	mg/kg	FC069471.D
Aromatic C10-C12	Aromatic C10-C12	5.00		1	0.12	0.67	mg/kg	FD049561.D
Aromatic C12-C16	Aromatic C12-C16	8.39		1	0.23	1.00	mg/kg	FD049561.D
Aromatic C16-C21	Aromatic C16-C21	15.2		1	0.40	1.67	mg/kg	FD049561.D
Aromatic C21-C36	Aromatic C21-C36	25.2		1	1.19	2.66	mg/kg	FD049561.D
Total AliphaticEPH	Total AliphaticEPH	58.1			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	53.8			1.94	6.00	mg/kg	
Total EPH	Total EPH	112			4.03	12.0	mg/kg	

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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069471.D	1	07/16/25	07/17/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		6.57		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		5.75		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		9.66		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		13.5		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		22.6		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		47.6		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168877BS	Acq On:	17 Jul 2025 01:45
Client Sample ID:	PB168877BS	Operator:	YP/AJ
Data file:	FC069471.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	13704332	98.593	300	ug/ml
Aliphatic C12-C16	6.598	10.000	12440906	86.351	200	ug/ml
Aliphatic C16-C21	10.001	13.371	19732604	145.096	300	ug/ml
Aliphatic C21-C28	13.372	17.037	24133656	202.822	400	ug/ml
Aliphatic C28-C40	17.038	22.012	30465111	338.941	600	ug/ml
Aliphatic EPH	3.297	22.012	100476609	871.803		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.108	13.108	5382760	47.63		ug/ml
Aliphatic C9-C28	3.297	17.037	70011498	532.862	1200	ug/ml