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:	STOCK-PILEMSD	SDG No.:	Q2600
Lab Sample ID:	Q2600-05MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.05 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	07/16/25 20:39	PB168877

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	40.1	E	1	0.17	1.22	mg/kg	FC069466.D
Aliphatic C12-C16	Aliphatic C12-C16	12.1		1	0.13	0.81	mg/kg	FC069466.D
Aliphatic C16-C21	Aliphatic C16-C21	54.0	E	1	0.16	1.22	mg/kg	FC069466.D
Aliphatic C21-C28	Aliphatic C21-C28	212	E	1	0.64	1.62	mg/kg	FC069466.D
Aliphatic C28-C40	Aliphatic C28-C40	135	E	1	1.43	2.43	mg/kg	FC069466.D
Aromatic C10-C12	Aromatic C10-C12	14.9		1	0.15	0.81	mg/kg	FD049556.D
Aromatic C12-C16	Aromatic C12-C16	17.4		1	0.28	1.22	mg/kg	FD049556.D
Aromatic C16-C21	Aromatic C16-C21	40.7	E	1	0.49	2.03	mg/kg	FD049556.D
Aromatic C21-C36	Aromatic C21-C36	109	E	1	1.45	3.24	mg/kg	FD049556.D
Total AliphaticEPH	Total AliphaticEPH	453			2.54	7.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	182			2.36	7.30	mg/kg	
Total EPH	Total EPH	635			4.90	14.6	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
FC069466.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		40.1	E	0.17	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		12.1		0.13	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		54.0	E	0.16	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		212	E	0.64	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		135	E	1.43	2.43	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		34.7		40 - 140	69%	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:	Q2600-05MSD	Acq On:	16 Jul 2025 20:39
Client Sample ID:	STOCK-PILEMSD	Operator:	YP/AJ
Data file:	FC069466.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.597	68821904	495.123	300	ug/ml
Aliphatic C12-C16	6.598	10.000	21483746	149.117	200	ug/ml
Aliphatic C16-C21	10.001	13.371	90542091	665.766	300	ug/ml
Aliphatic C21-C28	13.372	17.037	311459067	2620	400	ug/ml
Aliphatic C28-C40	17.038	22.012	150300261	1670	600	ug/ml
Aliphatic EPH	3.297	22.012	642607069	5600		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	3917888	34.67		ug/ml
Aliphatic C9-C28	3.297	17.037	492306808	3930	1200	ug/ml