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

Report of Analysis

Client:	Earth Engineering Inc.			Date Collected:	
Project:	Meetinghouse			Date Received:	
Client Sample ID:	S-1MS			SDG No.:	Q3001
Lab Sample ID:	Q3001-01MS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.7
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/03/25 08:00	09/03/25 17:58	PB169516

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	57.1	E	1	1.26	2.13	mg/kg	FE055644.D
Aliphatic C9-C28	Aliphatic C9-C28	142	E	1	0.97	4.25	mg/kg	FE055644.D
Total AliphaticEPH	Total AliphaticEPH	199			2.23	6.38	mg/kg	
Total EPH	Total EPH	199			2.23	6.38	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 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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Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055644.D	1	09/03/25	09/03/25	PB169516

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		142	E	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		57.1	E	1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.7		40 - 140	73%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3001-01MS	Acq On:	03 Sep 2025 17:58
Client Sample ID:	Q3001-01MS	Operator:	YP\AJ
Data file:	FE055644.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	36736886	286.104	300	ug/ml
Aliphatic C12-C16	6.949	10.401	59799251	442.645	200	ug/ml
Aliphatic C16-C21	10.402	13.781	78168708	542.021	300	ug/ml
Aliphatic C21-C28	13.782	17.452	104474513	729.389	400	ug/ml
Aliphatic C28-C40	17.453	22.470	110830712	804.756	600	ug/ml
Aliphatic EPH	3.314	22.470	390010070	2800		ug/ml
ortho-Terphenyl (SURR)	12.077	12.077	6034662	36.73		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	4931845	39.44		ug/ml
Aliphatic C9-C28	3.314	17.452	279179358	2000	1200	ug/ml