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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/29/25
Project:	Meetinghouse	Date Received:	09/02/25
Client Sample ID:	S-1	SDG No.:	Q3001
Lab Sample ID:	Q3001-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.7
Sample Wt/Vol:	30.04 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 16:57	PB169516

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.98		1	1.26	2.13	mg/kg	FE055642.D
Aliphatic C9-C28	Aliphatic C9-C28	2.08	J	1	0.97	4.27	mg/kg	FE055642.D
Total AliphaticEPH	Total AliphaticEPH	8.06			2.23	6.40	mg/kg	
Total EPH	Total EPH	8.06			2.23	6.40	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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Analytical Method:	NJEPH	% Solid:	93.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055642.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		2.08	J	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		5.98		1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		42.0		40 - 140	84%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3001-01	Acq On:	03 Sep 2025 16:57
Client Sample ID:	S-1	Operator:	YP\AJ
Data file:	FE055642.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	790813	6.159	300	ug/ml
Aliphatic C12-C16	6.949	10.401	1078081	7.98	200	ug/ml
Aliphatic C16-C21	10.402	13.781	884444	6.133	300	ug/ml
Aliphatic C21-C28	13.782	17.452	1297412	9.058	400	ug/ml
Aliphatic C28-C40	17.453	22.470	11583254	84.107	600	ug/ml
Aliphatic EPH	3.314	22.470	15634004	113.437		ug/ml
ortho-Terphenyl (SURR)	12.077	12.077	6894621	41.97		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	5507886	44.05		ug/ml
Aliphatic C9-C28	3.314	17.452	4050750	29.33	1200	ug/ml