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-1MSD			SDG No.:	Q3001
Lab Sample ID:	Q3001-01MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.7
Sample Wt/Vol:	30.1	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 18:28	PB169516

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	58.0	E	1	1.26	2.13	mg/kg	FE055645.D
Aliphatic C9-C28	Aliphatic C9-C28	140	E	1	0.97	4.25	mg/kg	FE055645.D
Total AliphaticEPH	Total AliphaticEPH	198			2.23	6.38	mg/kg	
Total EPH	Total EPH	198			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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Analytical Method:	NJEPH		% Solid:	93.7	
Sample Wt/Vol:	30.1 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
FE055645.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		140	E	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		58.0	E	1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.3		40 - 140	73%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3001-01MSD	Acq On:	03 Sep 2025 18:28
Client Sample ID:	Q3001-01MSD	Operator:	YP\AJ
Data file:	FE055645.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	35978438	280.198	300	ug/ml
Aliphatic C12-C16	6.949	10.401	58732140	434.746	200	ug/ml
Aliphatic C16-C21	10.402	13.781	77192268	535.25	300	ug/ml
Aliphatic C21-C28	13.782	17.452	103984148	725.965	400	ug/ml
Aliphatic C28-C40	17.453	22.470	112736881	818.597	600	ug/ml
Aliphatic EPH	3.314	22.470	388623875	2790		ug/ml
ortho-Terphenyl (SURR)	12.077	12.077	5956863	36.26		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4872323	38.96		ug/ml
Aliphatic C9-C28	3.314	17.452	275886994	1980	1200	ug/ml