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:	PB169516BS			SDG No.:	Q3001
Lab Sample ID:	PB169516BS			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.03	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 08:39	09/03/25 15:56	PB169516

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.3		1	1.18	2.00	mg/kg	FE055640.D
Aliphatic C9-C28	Aliphatic C9-C28	77.2		1	0.91	3.99	mg/kg	FE055640.D
Total AliphaticEPH	Total AliphaticEPH	104			2.09	5.99	mg/kg	
Total EPH	Total EPH	104			2.09	5.99	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:	100	
Sample Wt/Vol:	30.03 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
FE055640.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	77.2		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.2		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.8		40 - 140	60%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169516BS	Acq On:	03 Sep 2025 15:56
Client Sample ID:	PB169516BS	Operator:	YP\AJ
Data file:	FE055640.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	26010681	202.569	300	ug/ml
Aliphatic C12-C16	6.949	10.401	35524420	262.958	200	ug/ml
Aliphatic C16-C21	10.402	13.781	42748737	296.419	300	ug/ml
Aliphatic C21-C28	13.782	17.452	57050538	398.298	400	ug/ml
Aliphatic C28-C40	17.453	22.470	54292676	394.226	600	ug/ml
Aliphatic EPH	3.314	22.470	215627052	1550		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4887361	29.75		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	3896199	31.16		ug/ml
Aliphatic C9-C28	3.314	17.452	161334376	1160	1200	ug/ml