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:	1710 N4 Ave	Date Received:	
Client Sample ID:	PB168635BSD	SDG No.:	Q2431
Lab Sample ID:	PB168635BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/27/25 08:30	06/27/25 16:36	PB168635

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.4		1	1.18	2.00	mg/kg	FG016157.D
Aliphatic C9-C28	Aliphatic C9-C28	76.6		1	0.91	3.99	mg/kg	FG016157.D
Total AliphaticEPH	Total AliphaticEPH	108			2.09	5.99	mg/kg	
Total EPH	Total EPH	108			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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Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016157.D	1	06/27/25	06/27/25	PB168635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	76.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.4		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.1		40 - 140	78%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168635BSD	Acq On:	27 Jun 2025 16:36
Client Sample ID:	PB168635BSD	Operator:	YP\AJ
Data file:	FG016157.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.316	6.955	22284443	203.821	300	ug/ml
Aliphatic C12-C16	6.956	10.413	29227715	261.371	200	ug/ml
Aliphatic C16-C21	10.414	13.802	34694552	303.063	300	ug/ml
Aliphatic C21-C28	13.803	17.485	43657282	381.652	400	ug/ml
Aliphatic C28-C40	17.486	22.536	43323180	470.926	600	ug/ml
Aliphatic EPH	3.316	22.536	173187172	1620		ug/ml
ortho-Terphenyl (SURR)	12.093	12.093	5048432	39.13		ug/ml
1-chlorooctadecane (SURR)	13.536	13.536	4067682	40.37		ug/ml
Aliphatic C9-C28	3.316	17.485	129863992	1150	1200	ug/ml