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:	Leon Avenue	Date Received:	
Client Sample ID:	RT2286MSD	SDG No.:	Q2651
Lab Sample ID:	Q2635-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
07/21/25 09:00	07/21/25 16:33	PB168930

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	40.6		1	1.39	2.36	mg/kg	FE054943.D
Aliphatic C9-C28	Aliphatic C9-C28	94.2		1	1.07	4.71	mg/kg	FE054943.D
Total AliphaticEPH	Total AliphaticEPH	135			2.46	7.08	mg/kg	
Total EPH	Total EPH	135			2.46	7.08	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
FE054943.D	1	07/21/25	07/21/25	PB168930

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	94.2		1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	40.6		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.9		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2635-01MSD	Acq On:	21 Jul 2025 16:33
Client Sample ID:	Q2635-01MSD	Operator:	YP\AJ
Data file:	FE054943.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.330	6.963	19232045	141.355	300	ug/ml
Aliphatic C12-C16	6.964	10.415	31961569	227.374	200	ug/ml
Aliphatic C16-C21	10.416	13.793	65244324	451.85	300	ug/ml
Aliphatic C21-C28	13.794	17.463	54629460	377.662	400	ug/ml
Aliphatic C28-C40	17.464	22.490	71644364	516.738	600	ug/ml
Aliphatic EPH	3.330	22.490	242711762	1710		ug/ml
ortho-Terphenyl (SURR)	12.091	12.091	4365204	26.88		ug/ml
1-chlorooctadecane (SURR)	13.527	13.527	3525879	27.92		ug/ml
Aliphatic C9-C28	3.330	17.463	171067398	1200	1200	ug/ml