

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	08/07/25
Project:	3313 BAY AVENUE	Date Received:	08/07/25
Client Sample ID:	S-2	SDG No.:	Q2802
Lab Sample ID:	Q2802-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/08/25 09:37	08/08/25 19:20	PB169177

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	19.8		1	1.38	2.34	mg/kg	FE055219.D
Aliphatic C9-C28	Aliphatic C9-C28	2.79	J	1	1.06	4.68	mg/kg	FE055219.D
Total AliphaticEPH	Total AliphaticEPH	22.6			2.44	7.02	mg/kg	
Total EPH	Total EPH	22.6			2.44	7.02	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055219.D	1	08/08/25	08/08/25	PB169177

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2.79	J	1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.8		1.38	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.9		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.6		40 - 140	103%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2802-03	Acq On:	08 Aug 2025 19:20
Client Sample ID:	S-2	Operator:	YP\AJ
Data file:	FE055219.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.960	531851	4.554	300	ug/ml
Aliphatic C12-C16	6.961	10.413	1219209	9.736	200	ug/ml
Aliphatic C16-C21	10.414	13.792	978011	7.737	300	ug/ml
Aliphatic C21-C28	13.793	17.464	1647398	13.671	400	ug/ml
Aliphatic C28-C40	17.465	22.492	28936902	253.861	600	ug/ml
Aliphatic EPH	3.325	22.492	33313371	289.559		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	7365629	51.58		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	5467468	50.85		ug/ml
Aliphatic C9-C28	3.325	17.464	4376469	35.698	1200	ug/ml