

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/25/25
Project:	1710 N4 Ave	Date Received:	06/26/25
Client Sample ID:	S-2	SDG No.:	Q2431
Lab Sample ID:	Q2431-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
06/27/25 08:30	06/30/25 11:59	PB168635

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5.29		1	1.40	2.36	mg/kg	FC069327.D
Aliphatic C9-C28	Aliphatic C9-C28	4.42	J	1	1.08	4.73	mg/kg	FC069327.D
Total AliphaticEPH	Total AliphaticEPH	9.71			2.48	7.09	mg/kg	
Total EPH	Total EPH	9.71			2.48	7.09	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
FC069327.D	1	06/27/25	06/30/25	PB168635

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.42	J	1.08	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.29		1.40	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.9		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2431-02	Acq On:	30 Jun 2025 11:59
Client Sample ID:	S-2	Operator:	YP/AJ
Data file:	FC069327.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.308	6.605	3919352	26.72	300	ug/ml
Aliphatic C12-C16	6.606	10.009	924086	5.804	200	ug/ml
Aliphatic C16-C21	10.010	13.379	1332196	8.626	300	ug/ml
Aliphatic C21-C28	13.380	17.046	1994006	14.884	400	ug/ml
Aliphatic C28-C40	17.047	22.025	6176657	67.047	600	ug/ml
Aliphatic EPH	3.308	22.025	14346297	123.082		ug/ml
ortho-Terphenyl (SURR)	11.678	11.678	4645575	26.89		ug/ml
1-chlorooctadecane (SURR)	13.113	13.113	3520509	26.95		ug/ml
Aliphatic C9-C28	3.308	17.046	8169640	56.034	1200	ug/ml