

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Thomas McGoven	Date Received:	
Client Sample ID:	PB168603BSD	SDG No.:	Q2392
Lab Sample ID:	PB168603BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 13:45	06/25/25 12:06	PB168603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.36		1	0.14	1.00	mg/kg FC069280.D
Aliphatic C12-C16	Aliphatic C12-C16	5.64		1	0.11	0.67	mg/kg FC069280.D
Aliphatic C16-C21	Aliphatic C16-C21	9.20		1	0.13	1.00	mg/kg FC069280.D
Aliphatic C21-C28	Aliphatic C21-C28	12.8		1	0.53	1.33	mg/kg FC069280.D
Aliphatic C28-C40	Aliphatic C28-C40	22.1		1	1.18	2.00	mg/kg FC069280.D
Aromatic C10-C12	Aromatic C10-C12	5.07		1	0.12	0.67	mg/kg FD049516.D
Aromatic C12-C16	Aromatic C12-C16	8.21		1	0.23	1.00	mg/kg FD049516.D
Aromatic C16-C21	Aromatic C16-C21	15.2		1	0.40	1.67	mg/kg FD049516.D
Aromatic C21-C36	Aromatic C21-C36	25.8		1	1.19	2.66	mg/kg FD049516.D
Total AliphaticEPH	Total AliphaticEPH	56.1			2.09	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	54.3			1.94	6.00	mg/kg
Total EPH	Total EPH	110			4.03	12.0	mg/kg

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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069280.D	1	06/24/25	06/25/25	PB168603

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.36		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.64		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.20		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.8		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.3		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168603BSD	Acq On:	25 Jun 2025 12:06
Client Sample ID:	PB168603BSD	Operator:	YP/AJ
Data file:	FC069280.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.306	6.605	13997782	95.431	300	ug/ml
Aliphatic C12-C16	6.606	10.009	13475026	84.637	200	ug/ml
Aliphatic C16-C21	10.010	13.380	21339336	138.177	300	ug/ml
Aliphatic C21-C28	13.381	17.044	25843819	192.913	400	ug/ml
Aliphatic C28-C40	17.045	22.027	30587863	332.028	600	ug/ml
Aliphatic EPH	3.306	22.027	105243826	843.185		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.115	13.115	5781203	44.25		ug/ml
Aliphatic C9-C28	3.306	17.044	74655963	511.158	1200	ug/ml