

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Thomas McGoven	Date Received:	
Client Sample ID:	S-1MSD	SDG No.:	Q2392
Lab Sample ID:	Q2392-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.08 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 14:59	PB168603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.40		1	0.15	1.08	mg/kg FC069284.D
Aliphatic C12-C16	Aliphatic C12-C16	4.98		1	0.12	0.72	mg/kg FC069284.D
Aliphatic C16-C21	Aliphatic C16-C21	7.63		1	0.14	1.08	mg/kg FC069284.D
Aliphatic C21-C28	Aliphatic C21-C28	10.1		1	0.57	1.44	mg/kg FC069284.D
Aliphatic C28-C40	Aliphatic C28-C40	19.9		1	1.28	2.16	mg/kg FC069284.D
Aromatic C10-C12	Aromatic C10-C12	6.06		1	0.13	0.72	mg/kg FD049520.D
Aromatic C12-C16	Aromatic C12-C16	9.78		1	0.25	1.08	mg/kg FD049520.D
Aromatic C16-C21	Aromatic C16-C21	24.0		1	0.43	1.80	mg/kg FD049520.D
Aromatic C21-C36	Aromatic C21-C36	34.7		1	1.29	2.88	mg/kg FD049520.D
Total AliphaticEPH	Total AliphaticEPH	48.0			2.26	6.48	mg/kg
Total AromaticEPH	Total AromaticEPH	74.5			2.10	6.48	mg/kg
Total EPH	Total EPH	123			4.37	13.0	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 :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069284.D	1	06/24/25	06/25/25	PB168603

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Aliphatic C21-C28	Aliphatic C21-C28	10.1		0.57	1.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.9		1.28	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.5		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2392-01MSD	Acq On:	25 Jun 2025 14:59
Client Sample ID:	S-1MSD	Operator:	YP/AJ
Data file:	FC069284.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.306	6.605	10986436	74.901	300	ug/ml
Aliphatic C12-C16	6.606	10.009	10992279	69.042	200	ug/ml
Aliphatic C16-C21	10.010	13.380	16330319	105.743	300	ug/ml
Aliphatic C21-C28	13.381	17.044	18801494	140.345	400	ug/ml
Aliphatic C28-C40	17.045	22.027	25363788	275.321	600	ug/ml
Aliphatic EPH	3.306	22.027	82474316	665.352		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.112	13.112	4118544	31.53		ug/ml
Aliphatic C9-C28	3.306	17.044	57110528	390.031	1200	ug/ml