



SAMPLE DATA

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	06/23/25
Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
06/24/25 13:45	06/25/25 12:48	PB168603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	J	1	0.15	1.08	mg/kg	FC069281.D
Aliphatic C12-C16	Aliphatic C12-C16	0.51	J	1	0.12	0.72	mg/kg	FC069281.D
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	1	0.14	1.08	mg/kg	FC069281.D
Aliphatic C21-C28	Aliphatic C21-C28	0.57	U	1	0.57	1.44	mg/kg	FC069281.D
Aliphatic C28-C40	Aliphatic C28-C40	2.08	J	1	1.28	2.16	mg/kg	FC069281.D
Aromatic C10-C12	Aromatic C10-C12	0.36	J	1	0.13	0.72	mg/kg	FD049517.D
Aromatic C12-C16	Aromatic C12-C16	0.51	J	1	0.25	1.08	mg/kg	FD049517.D
Aromatic C16-C21	Aromatic C16-C21	2.39		1	0.43	1.80	mg/kg	FD049517.D
Aromatic C21-C36	Aromatic C21-C36	1.82	J	1	1.29	2.89	mg/kg	FD049517.D
Total AliphaticEPH	Total AliphaticEPH	3.54	J		2.27	6.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.08	J		2.10	6.49	mg/kg	
Total EPH	Total EPH	8.62	J		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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Lab Sample ID:	Q2392-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069281.D	1	06/24/25	06/25/25	PB168603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	J	0.15	1.08	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.51	J	0.12	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.55	J	0.14	1.08	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.57	U	0.57	1.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.08	J	1.28	2.16	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2392-01	Acq On:	25 Jun 2025 12:48
Client Sample ID:	S-1	Operator:	YP/AJ
Data file:	FC069281.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.306	6.605	807014	5.502	300	ug/ml
Aliphatic C12-C16	6.606	10.009	1128622	7.089	200	ug/ml
Aliphatic C16-C21	10.010	13.380	1172889	7.595	300	ug/ml
Aliphatic C21-C28	13.381	17.044	1003070	7.487	400	ug/ml
Aliphatic C28-C40	17.045	22.027	2654326	28.812	600	ug/ml
Aliphatic EPH	3.306	22.027	6765921	56.485		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.114	13.114	4752505	36.38		ug/ml
Aliphatic C9-C28	3.306	17.044	4111595	27.673	1200	ug/ml

Report of Analysis

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Project:	Thomas McGoven	Date Received:	06/23/25
Client Sample ID:	S-1	SDG No.:	Q2392
Lab Sample ID:	Q2392-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049517.D	1	06/24/25	06/25/25	PB168603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.36	J	0.13	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.51	J	0.25	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.39		0.43	1.80	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.82	J	1.29	2.89	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.0		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.4		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.5		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2392-01	Acq On:	25 Jun 2025 12:48
Client Sample ID:	S-1	Operator:	YP/AJ
Data file:	FD049517.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.429	6.172	629312	5.027	200	ug/ml
Aromatic C12-C16	6.173	8.800	1054877	7.073	300	ug/ml
Aromatic C16-C21	8.801	13.090	5195665	33.072	500	ug/ml
Aromatic C21-C36	13.091	18.510	3492208	25.278	800	ug/ml
Aromatic EPH	4.429	18.510	10372062	70.45		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	4202156	26.5		ug/ml
2-Bromonaphthalene (SURR)	7.737	7.737	5348525	41.95		ug/ml
2-Fluorobiphenyl (SURR)	8.602	8.602	3763831	42.39		ug/ml

LAB CHRONICLE

OrderID: Q2392
Client: Earth Engineering Inc.
Contact: Frank Dougherty, LSRP

OrderDate: 6/23/2025 10:03:33 AM
Project: Thomas McGoven
Location: A41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2392-01	S-1	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
			EPH	NJEPH		06/24/25	06/25/25	