

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

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