

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
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049520.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	6.06		0.13	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.78		0.25	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.0		0.43	1.80	mg/kg
Aromatic C21-C36	Aromatic C21-C36	34.7		1.29	2.88	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.9		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.1		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.9		40 - 140	64%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2392-01MSD	Acq On:	25 Jun 2025 14:59
Client Sample ID:	S-1MSD	Operator:	YP/AJ
Data file:	FD049520.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.429	6.172	10510995	83.964	200	ug/ml
Aromatic C12-C16	6.173	8.800	20226413	135.612	300	ug/ml
Aromatic C16-C21	8.801	13.090	52279921	332.774	500	ug/ml
Aromatic C21-C36	13.091	18.510	66490528	481.293	800	ug/ml
Aromatic EPH	4.429	18.510	149507857	1030		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	5057632	31.89		ug/ml
2-Bromonaphthalene (SURR)	7.735	7.735	7127886	55.9		ug/ml
2-Fluorobiphenyl (SURR)	8.601	8.601	4804133	54.11		ug/ml