

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Thomas McGoven	Date Received:	
Client Sample ID:	S-1MS	SDG No.:	Q2392
Lab Sample ID:	Q2392-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049519.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	6.12		0.13	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.91		0.25	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	21.8		0.43	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36	34.6		1.29	2.89	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.7		40 - 140	113%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.6		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2392-01MS	Acq On:	25 Jun 2025 14:14
Client Sample ID:	S-1MS	Operator:	YP/AJ
Data file:	FD049519.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.429	6.172	10607693	84.737	200	ug/ml
Aromatic C12-C16	6.173	8.800	20458684	137.169	300	ug/ml
Aromatic C16-C21	8.801	13.090	47375296	301.555	500	ug/ml
Aromatic C21-C36	13.091	18.510	66105215	478.504	800	ug/ml
Aromatic EPH	4.429	18.510	144546888	1000		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	5085132	32.07		ug/ml
2-Bromonaphthalene (SURR)	7.738	7.738	7224223	56.66		ug/ml
2-Fluorobiphenyl (SURR)	8.604	8.604	4851178	54.64		ug/ml