

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Thomas McGoven	Date Received:	
Client Sample ID:	PB168603BSD	SDG No.:	Q2392
Lab Sample ID:	PB168603BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049516.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	5.07		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.21		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.2		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.8		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.8		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.6		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.6		40 - 140	87%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB168603BSD	Acq On:	25 Jun 2025 12:06
Client Sample ID:	PB168603BSD	Operator:	YP/AJ
Data file:	FD049516.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.429	6.172	9530992	76.136	200	ug/ml
Aromatic C12-C16	6.173	8.800	18389141	123.293	300	ug/ml
Aromatic C16-C21	8.801	13.090	35766343	227.661	500	ug/ml
Aromatic C21-C36	13.091	18.510	53445370	386.865	800	ug/ml
Aromatic EPH	4.429	18.510	117131846	813.955		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	6916975	43.62		ug/ml
2-Bromonaphthalene (SURR)	7.737	7.737	6729422	52.78		ug/ml
2-Fluorobiphenyl (SURR)	8.603	8.603	4673746	52.64		ug/ml