

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	Thomas McGoven	Date Received:	
Client Sample ID:	PB168603BS	SDG No.:	Q2392
Lab Sample ID:	PB168603BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049515.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	5.12		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.26		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.3		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.9		1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.0		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.0		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.9		40 - 140	88%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB168603BS	Acq On:	25 Jun 2025 11:24
Client Sample ID:	PB168603BS	Operator:	YP/AJ
Data file:	FD049515.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.429	6.172	9617079	76.824	200	ug/ml
Aromatic C12-C16	6.173	8.800	18493101	123.99	300	ug/ml
Aromatic C16-C21	8.801	13.090	36085887	229.695	500	ug/ml
Aromatic C21-C36	13.091	18.510	53791016	389.367	800	ug/ml
Aromatic EPH	4.429	18.510	117987083	819.876		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	6968496	43.94		ug/ml
2-Bromonaphthalene (SURR)	7.738	7.738	6755714	52.98		ug/ml
2-Fluorobiphenyl (SURR)	8.603	8.603	4701831	52.95		ug/ml