

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	PB168877BSD	SDG No.:	Q2600
Lab Sample ID:	PB168877BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD049562.D	1	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.79		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.04		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.5		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.2		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.9		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.5		40 - 140	103%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.2		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB168877BSD	Acq On:	17 Jul 2025 02:29
Client Sample ID:	PB168877BSD	Operator:	YP/AJ
Data file:	FD049562.D	Misc:	
Instrument:	FID_D	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	9908374	71.918	200	ug/ml
Aromatic C12-C16	6.170	8.797	18864230	120.686	300	ug/ml
Aromatic C16-C21	8.798	13.086	35197009	218.231	500	ug/ml
Aromatic C21-C36	13.087	18.506	50872206	363.314	800	ug/ml
Aromatic EPH	4.425	18.506	114841819	774.148		ug/ml
2-Bromonaphthalene (SURR)	7.738	7.738	6923255	52.92		ug/ml
2-Fluorobiphenyl (SURR)	8.604	8.604	4767084	51.45		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	6922757	42.22		ug/ml