

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILEDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049571.D	5	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.1		0.73	4.05	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.45		1.40	6.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.1		2.43	10.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	83.1		7.23	16.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.54		40 - 140	85%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	8.06		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.21		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05DL	Acq On:	17 Jul 2025 10:23
Client Sample ID:	STOCK-PILEDL	Operator:	YP/AJ
Data file:	FD049571.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	3452513	25.059	200	ug/ml
Aromatic C12-C16	6.173	8.799	2490187	15.931	300	ug/ml
Aromatic C16-C21	8.800	13.090	8782066	54.451	500	ug/ml
Aromatic C21-C36	13.091	18.508	27932226	199.483	800	ug/ml
Aromatic EPH	4.430	18.508	42656992	294.925		ug/ml
2-Bromonaphthalene (SURRE)	7.734	7.734	1117865	8.54		ug/ml
2-Fluorobiphenyl (SURRE)	8.599	8.599	747222	8.06		ug/ml
ortho-Terphenyl (SURRE)	11.642	11.642	1346637	8.21		ug/ml