

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	STOCK-PILEMS	SDG No.:	Q2600
Lab Sample ID:	Q2600-05MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FD049555.D	1	07/16/25	07/16/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	14.5		0.15	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	17.0		0.28	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	40.1		0.49	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	107	E	1.45	3.25	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.7		40 - 140	83%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.8		40 - 140	72%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05MS	Acq On:	16 Jul 2025 19:54
Client Sample ID:	STOCK-PILEMS	Operator:	YP/AJ
Data file:	FD049555.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	24670665	179.066	200	ug/ml
Aromatic C12-C16	6.170	8.797	32796163	209.818	300	ug/ml
Aromatic C16-C21	8.798	13.086	79737663	494.395	500	ug/ml
Aromatic C21-C36	13.087	18.506	185299865	1320	800	ug/ml
Aromatic EPH	4.425	18.506	322504356	2210		ug/ml
2-Bromonaphthalene (SURR)	7.736	7.736	5456126	41.7		ug/ml
2-Fluorobiphenyl (SURR)	8.602	8.602	3646124	39.35		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	5869870	35.8		ug/ml