

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:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049557.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	39.8	E	0.14	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.2		0.27	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	23.6		0.47	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	66.8	E	1.39	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.9		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.6		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-09	Acq On:	16 Jul 2025 21:23
Client Sample ID:	END-OF-TRENCH	Operator:	YP/AJ
Data file:	FD049557.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	70165615	509.281	200	ug/ml
Aromatic C12-C16	6.170	8.797	20497450	131.135	300	ug/ml
Aromatic C16-C21	8.798	13.086	48733879	302.163	500	ug/ml
Aromatic C21-C36	13.087	18.506	119612273	854.234	800	ug/ml
Aromatic EPH	4.425	18.506	259009217	1800		ug/ml
2-Fluorobiphenyl (SURR)	8.602	8.602	3611885	38.98		ug/ml
2-Bromonaphthalene (SURR)	7.737	7.737	5483601	41.91		ug/ml
ortho-Terphenyl (SURR)	11.647	11.647	6004694	36.62		ug/ml