

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:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049552.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	8.02		0.16	0.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.01		0.30	1.32	mg/kg
Aromatic C16-C21	Aromatic C16-C21	27.8		0.53	2.20	mg/kg
Aromatic C21-C36	Aromatic C21-C36	123	E	1.57	3.52	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	35.5		40 - 140	71%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.9		40 - 140	56%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-01	Acq On:	16 Jul 2025 17:35
Client Sample ID:	TRENCH	Operator:	YP/AJ
Data file:	FD049552.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	12536096	90.99	200	ug/ml
Aromatic C12-C16	6.170	8.797	8894382	56.903	300	ug/ml
Aromatic C16-C21	8.798	13.086	50969481	316.024	500	ug/ml
Aromatic C21-C36	13.087	18.506	196239921	1400	800	ug/ml
Aromatic EPH	4.425	18.506	268639880	1870		ug/ml
ortho-Terphenyl (SURR)	11.645	11.645	4583015	27.95		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	4641726	35.48		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	3141478	33.9		ug/ml