

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:	TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-01DL	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
FD049570.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	7.83		0.79	4.41	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.45	J	1.52	6.61	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.9		2.64	11.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117		7.87	17.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.26		40 - 140	73%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.91		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.68		40 - 140	57%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-01DL	Acq On:	17 Jul 2025 09:40
Client Sample ID:	TRENCHDL	Operator:	YP/AJ
Data file:	FD049570.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	2447618	17.765	200	ug/ml
Aromatic C12-C16	6.173	8.799	1931788	12.359	300	ug/ml
Aromatic C16-C21	8.800	13.090	9913986	61.469	500	ug/ml
Aromatic C21-C36	13.091	18.508	36627473	261.582	800	ug/ml
Aromatic EPH	4.430	18.508	50920865	353.176		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	950437	7.26		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	639901	6.91		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	931125	5.68		ug/ml