

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-TRENCHDL	SDG No.:	Q2600
Lab Sample ID:	Q2600-09DL	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
FD049572.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	46.5		0.70	3.91	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.4		1.35	5.86	mg/kg
Aromatic C16-C21	Aromatic C16-C21	24.5		2.34	9.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.5		6.97	15.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.64		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	8.98		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.46		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-09DL	Acq On:	17 Jul 2025 11:07
Client Sample ID:	END-OF-TRENCHDL	Operator:	YP/AJ
Data file:	FD049572.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.430	6.172	16402340	119.053	200	ug/ml
Aromatic C12-C16	6.173	8.799	4974960	31.828	300	ug/ml
Aromatic C16-C21	8.800	13.090	11695319	72.514	500	ug/ml
Aromatic C21-C36	13.091	18.508	23658524	168.962	800	ug/ml
Aromatic EPH	4.430	18.508	56731143	392.356		ug/ml
2-Bromonaphthalene (SURR)	7.734	7.734	1261096	9.64		ug/ml
2-Fluorobiphenyl (SURR)	8.599	8.599	831658	8.98		ug/ml
ortho-Terphenyl (SURR)	11.642	11.642	1387306	8.46		ug/ml