

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:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049553.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	9.04		0.15	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	5.43		0.28	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.4		0.49	2.02	mg/kg
Aromatic C21-C36	Aromatic C21-C36	74.6	E	1.45	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.1		40 - 140	74%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.3		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2600-05	Acq On:	16 Jul 2025 18:23
Client Sample ID:	STOCK-PILE	Operator:	YP/AJ
Data file:	FD049553.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.425	6.169	15380290	111.634	200	ug/ml
Aromatic C12-C16	6.170	8.797	10470914	66.989	300	ug/ml
Aromatic C16-C21	8.798	13.086	38723804	240.098	500	ug/ml
Aromatic C21-C36	13.087	18.506	128972341	921.081	800	ug/ml
Aromatic EPH	4.425	18.506	193547349	1340		ug/ml
ortho-Terphenyl (SURR)	11.646	11.646	5959342	36.34		ug/ml
2-Bromonaphthalene (SURR)	7.735	7.735	4848617	37.06		ug/ml
2-Fluorobiphenyl (SURR)	8.600	8.600	3306246	35.68		ug/ml