

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
FC069482.D	10	07/16/25	07/17/25	PB168877

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	151		1.64	11.7	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	12.4		1.29	7.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	50.2		1.52	11.7	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	166		6.21	15.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	97.7		13.8	23.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.15		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic 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:	FC069482.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.599	26901089	193.534	300	ug/ml
Aliphatic C12-C16	6.600	10.002	2284696	15.858	200	ug/ml
Aliphatic C16-C21	10.003	13.370	8740608	64.271	300	ug/ml
Aliphatic C21-C28	13.371	17.036	25323066	212.818	400	ug/ml
Aliphatic C28-C40	17.037	22.013	11241227	125.065	600	ug/ml
Aliphatic EPH	3.303	22.013	74490686	611.546		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.102	13.102	469189	4.15		ug/ml
Aliphatic C9-C28	3.303	17.036	63249459	486.481	1200	ug/ml