

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052298.D	10	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	139		4.52	11.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	402	E	2.85	7.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	374	E	3.57	11.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	69.6		9.51	15.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.5		21.4	23.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.40		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-03DL	Acq On:	07 Feb 2025 19:56
Client Sample ID:	EX-6-TPH-2DL	Operator:	YP\AJ
Data file:	FE052298.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	16963130	176.361	300	ug/ml
Aliphatic C12-C16	7.236	10.639	53152091	507.592	200	ug/ml
Aliphatic C16-C21	10.640	13.984	53364782	472.161	300	ug/ml
Aliphatic C21-C28	13.985	17.628	10006323	87.776	400	ug/ml
Aliphatic C28-C40	17.629	22.712	3063408	33.46	600	ug/ml
Aliphatic EPH	3.679	22.712	136549734	1280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.716	13.716	433830	4.4		ug/ml
Aliphatic C9-C28	3.679	17.628	133486326	1240	1200	ug/ml