

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-8-TPH-1DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
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
FE052296.D	20	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	64.9		8.56	22.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	217		5.41	15.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	120		6.76	22.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.0	J	18.0	30.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	40.6	U	40.6	45.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.48		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-01DL	Acq On:	07 Feb 2025 18:56
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP\AJ
Data file:	FE052296.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	4154943	43.198	300	ug/ml
Aliphatic C12-C16	7.236	10.639	15131855	144.506	200	ug/ml
Aliphatic C16-C21	10.640	13.984	9082387	80.359	300	ug/ml
Aliphatic C21-C28	13.985	17.628	838188	7.353	400	ug/ml
Aliphatic C28-C40	17.629	22.712	329104	3.595	600	ug/ml
Aliphatic EPH	3.679	22.712	29536477	279.01		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	146200	1.48		ug/ml
Aliphatic C9-C28	3.679	17.628	29207373	275.416	1200	ug/ml