

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-11-TPH-12DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052314.D	20	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	74.9		8.53	22.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	211		5.39	15.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	117		6.73	22.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.0	J	18.0	29.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.8	J	40.4	44.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.89		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-11DL	Acq On:	10 Feb 2025 12:00
Client Sample ID:	EX-11-TPH-12DL	Operator:	YP\AJ
Data file:	FE052314.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	4814926	50.059	300	ug/ml
Aliphatic C12-C16	7.241	10.644	14803398	141.37	200	ug/ml
Aliphatic C16-C21	10.645	13.990	8877872	78.55	300	ug/ml
Aliphatic C21-C28	13.991	17.632	1143650	10.032	400	ug/ml
Aliphatic C28-C40	17.633	22.724	1703415	18.606	600	ug/ml
Aliphatic EPH	3.682	22.724	31343261	298.616		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.729	13.729	186337	1.89		ug/ml
Aliphatic C9-C28	3.682	17.632	29639846	280.011	1200	ug/ml