

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-14DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-13DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
FC068247.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	40.5		4.62	12.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	74.3		2.92	8.10	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	11.1	J	3.65	12.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.72	U	9.72	16.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.1	J	21.9	24.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.34		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-13DL	Acq On:	10 Feb 2025 12:45
Client Sample ID:	EX-11-TPH-14DL	Operator:	YP/AJ
Data file:	FC068247.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	6921238	49.977	300	ug/ml
Aliphatic C12-C16	6.375	9.758	12631436	91.723	200	ug/ml
Aliphatic C16-C21	9.759	13.112	1846978	13.679	300	ug/ml
Aliphatic C21-C28	13.113	16.764	161535	1.27	400	ug/ml
Aliphatic C28-C40	16.765	21.564	1550724	14.963	600	ug/ml
Aliphatic EPH	3.108	21.564	23111911	171.612		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	614207	5.34		ug/ml
Aliphatic C9-C28	3.108	16.764	21561187	156.649	1200	ug/ml