

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-10DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FE052311.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	647	E	4.90	12.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1280	E	3.10	8.60	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	428	E	3.87	12.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	74.4		10.3	17.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.7		23.2	25.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.45		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-09DL	Acq On:	10 Feb 2025 10:30
Client Sample ID:	EX-11-TPH-10DL	Operator:	YP\AJ
Data file:	FE052311.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	72331675	752.011	300	ug/ml
Aliphatic C12-C16	7.241	10.644	155620826	1490	200	ug/ml
Aliphatic C16-C21	10.645	13.990	56260035	497.778	300	ug/ml
Aliphatic C21-C28	13.991	17.632	9851267	86.416	400	ug/ml
Aliphatic C28-C40	17.633	22.724	4434278	48.434	600	ug/ml
Aliphatic EPH	3.682	22.724	298498081	2870		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.726	13.726	537758	5.45		ug/ml
Aliphatic C9-C28	3.682	17.632	294063803	2820	1200	ug/ml