

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-13	SDG No.:	Q1308
Lab Sample ID:	Q1308-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 11:32	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	890		50	22.0	57.9	mg/kg FC068245.D
Aliphatic C12-C16	Aliphatic C12-C16	2000		200	55.5	154	mg/kg FC068246.D
Aliphatic C16-C21	Aliphatic C16-C21	545		50	17.4	57.9	mg/kg FC068245.D
Aliphatic C21-C28	Aliphatic C21-C28	111		10	9.26	15.4	mg/kg FC068244.D
Aliphatic C28-C40	Aliphatic C28-C40	90.2		10	20.8	23.1	mg/kg FC068244.D
Aromatic C10-C12	Aromatic C10-C12	116		50	17.4	38.6	mg/kg FD049067.D
Aromatic C12-C16	Aromatic C12-C16	479		50	19.7	57.9	mg/kg FD049067.D
Aromatic C16-C21	Aromatic C16-C21	545		50	55.5	96.4	mg/kg FD049067.D
Aromatic C21-C36	Aromatic C21-C36	60.6		1	2.31	3.09	mg/kg FD049060.D
Total AliphaticEPH	Total AliphaticEPH	3630			125	308	mg/kg
Total AromaticEPH	Total AromaticEPH	1200			94.9	196	mg/kg
Total EPH	Total EPH	4830			220	504	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068237.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	923	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1740	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	469	E	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	96.6	E	0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.9	E	2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	67.8		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12	Acq On:	07 Feb 2025 16:45
Client Sample ID:	EX-11-TPH-13	Operator:	YP/AJ
Data file:	FC068237.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	1658118628	12000	300	ug/ml
Aliphatic C12-C16	6.378	9.762	3109442486	22600	200	ug/ml
Aliphatic C16-C21	9.763	13.116	821876776	6090	300	ug/ml
Aliphatic C21-C28	13.117	16.769	159233963	1250	400	ug/ml
Aliphatic C28-C40	16.770	21.574	95304750	919.585	600	ug/ml
Aliphatic EPH	3.111	21.574	5843976603	42800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.857	12.857	7798817	67.81		ug/ml
Aliphatic C9-C28	3.111	16.769	5748671853	41900	1200	ug/ml