

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-6		SDG No.:	Q1308	
Lab Sample ID:	Q1308-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.2	
Sample Wt/Vol:	30.03	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	02/07/25 16:09	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.51	J	1	0.46	1.20	mg/kg	FC068236.D
Aliphatic C12-C16	Aliphatic C12-C16	1.00		1	0.29	0.80	mg/kg	FC068236.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	J	1	0.36	1.20	mg/kg	FC068236.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.60	mg/kg	FC068236.D
Aliphatic C28-C40	Aliphatic C28-C40	3.90		1	2.16	2.40	mg/kg	FC068236.D
Aromatic C10-C12	Aromatic C10-C12	0.36	U	1	0.36	0.80	mg/kg	FD049059.D
Aromatic C12-C16	Aromatic C12-C16	0.41	J	1	0.41	1.20	mg/kg	FD049059.D
Aromatic C16-C21	Aromatic C16-C21	1.17	J	1	1.15	2.00	mg/kg	FD049059.D
Aromatic C21-C36	Aromatic C21-C36	2.40	U	1	2.40	3.20	mg/kg	FD049059.D
Total AliphaticEPH	Total AliphaticEPH	5.77	J		4.22	7.20	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.32	U		4.32	7.20	mg/kg	
Total EPH	Total EPH	8.54	U		8.54	14.4	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068236.D	1	02/06/25	02/07/25	PB166603

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Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.90		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.4		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-05	Acq On:	07 Feb 2025 16:09
Client Sample ID:	EX-11-TPH-6	Operator:	YP/AJ
Data file:	FC068236.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	878995	6.347	300	ug/ml
Aliphatic C12-C16	6.378	9.762	1713417	12.442	200	ug/ml
Aliphatic C16-C21	9.763	13.116	614985	4.555	300	ug/ml
Aliphatic C21-C28	13.117	16.769	376129	2.957	400	ug/ml
Aliphatic C28-C40	16.770	21.574	5055475	48.78	600	ug/ml
Aliphatic EPH	3.111	21.574	8639001	75.08		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.845	12.845	2576618	22.4		ug/ml
Aliphatic C9-C28	3.111	16.769	3583526	26.301	1200	ug/ml