

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-15		SDG No.:	P4839	
Lab Sample ID:	P4839-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/18/24 9:25	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	30.4		5	2.29	6.03	mg/kg	FC067799.D
Aliphatic C12-C16	Aliphatic C12-C16	44.1		5	1.45	4.02	mg/kg	FC067799.D
Aliphatic C16-C21	Aliphatic C16-C21	2.39		1	0.36	1.21	mg/kg	FC067774.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.61	mg/kg	FC067774.D
Aliphatic C28-C40	Aliphatic C28-C40	3.38		1	2.17	2.41	mg/kg	FC067774.D
Aromatic C10-C12	Aromatic C10-C12	6.12		1	0.36	0.80	mg/kg	FD048743.D
Aromatic C12-C16	Aromatic C12-C16	16.5		1	0.41	1.21	mg/kg	FD048743.D
Aromatic C16-C21	Aromatic C16-C21	6.62		1	1.16	2.01	mg/kg	FD048743.D
Aromatic C21-C36	Aromatic C21-C36	2.41	U	1	2.41	3.22	mg/kg	FD048743.D
Total AliphaticEPH	Total AliphaticEPH	80.3			7.24	15.3	mg/kg	
Total AromaticEPH	Total AromaticEPH	29.2			4.34	7.24	mg/kg	
Total EPH	Total EPH	110			11.6	22.5	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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Analytical Method:	NJEPH		% Solid:	82.7	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067774.D	1	11/14/24	11/15/24	PB164996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	26.3	E	0.46	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	38.7	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	2.39		0.36	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.38		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.9		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-07	Acq On:	15 Nov 2024 13:59
Client Sample ID:	EX-9-TPH-15	Operator:	YP/AJ
Data file:	FC067774.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.172	21.693	147756085	888.966		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	5217523	35.94		ug/ml
Aliphatic C9-C12	3.172	6.448	54227598	327.083	300	ug/ml
Aliphatic C12-C16	6.449	9.838	82040890	481.505	200	ug/ml
Aliphatic C16-C21	9.839	13.196	5039189	29.708	300	ug/ml
Aliphatic C21-C28	13.197	16.850	1355767	8.62	400	ug/ml
Aliphatic C28-C40	16.851	21.693	5092641	42.049	600	ug/ml
Aliphatic C9-C28	3.172	16.850	142663444	846.916	1200	ug/ml