

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-12	SDG No.:	P4839
Lab Sample ID:	P4839-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/15/24 16:18	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	3.21		1	0.44	1.14	mg/kg FE051265.D
Aliphatic C12-C16	Aliphatic C12-C16	3.84		1	0.28	0.76	mg/kg FE051265.D
Aliphatic C16-C21	Aliphatic C16-C21	0.68	J	1	0.34	1.14	mg/kg FE051265.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.53	mg/kg FE051265.D
Aliphatic C28-C40	Aliphatic C28-C40	2.69		1	2.06	2.29	mg/kg FE051265.D
Aromatic C10-C12	Aromatic C10-C12	2.46		1	0.34	0.76	mg/kg FF015057.D
Aromatic C12-C16	Aromatic C12-C16	3.45		1	0.39	1.14	mg/kg FF015057.D
Aromatic C16-C21	Aromatic C16-C21	5.75		1	1.10	1.91	mg/kg FF015057.D
Aromatic C21-C36	Aromatic C21-C36	2.29	U	1	2.29	3.05	mg/kg FF015057.D
Total AliphaticEPH	Total AliphaticEPH	10.4			4.03	6.86	mg/kg
Total AromaticEPH	Total AromaticEPH	11.7			4.12	6.86	mg/kg
Total EPH	Total EPH	22.1			8.15	13.7	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

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-12		SDG No.:	P4839	
Lab Sample ID:	P4839-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.3	
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
11/14/24 14:15	11/15/24 16:18	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	3.21		1	0.44	1.14	mg/kg	FE051265.D
Aliphatic C12-C16	Aliphatic C12-C16	3.84		1	0.28	0.76	mg/kg	FE051265.D
Aliphatic C16-C21	Aliphatic C16-C21	0.68	J	1	0.34	1.14	mg/kg	FE051265.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.53	mg/kg	FE051265.D
Aliphatic C28-C40	Aliphatic C28-C40	2.69		1	2.06	2.29	mg/kg	FE051265.D
Aromatic C10-C12	Aromatic C10-C12	2.46		1	0.34	0.76	mg/kg	FF015057.D
Aromatic C12-C16	Aromatic C12-C16	3.45		1	0.39	1.14	mg/kg	FF015057.D
Aromatic C16-C21	Aromatic C16-C21	5.75		1	1.10	1.91	mg/kg	FF015057.D
Aromatic C21-C36	Aromatic C21-C36	2.29	U	1	2.29	3.05	mg/kg	FF015057.D
Total AliphaticEPH	Total AliphaticEPH	10.4			4.03	6.86	mg/kg	
Total AromaticEPH	Total AromaticEPH	11.7			4.12	6.86	mg/kg	
Total EPH	Total EPH	22.1			8.15	13.7	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

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-9-TPH-12		SDG No.:	P4839	
Lab Sample ID:	P4839-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051265.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	3.21		0.44	1.14	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	3.84		0.28	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.68	J	0.34	1.14	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.69		2.06	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.7		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-04	Acq On:	15 Nov 2024 16:18
Client Sample ID:	EX-9-TPH-12	Operator:	YP\AJ
Data file:	FE051265.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	5885392	42.064	300	ug/ml
Aliphatic C12-C16	6.754	10.185	7081228	50.352	200	ug/ml
Aliphatic C16-C21	10.186	13.544	1228848	8.92	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1192397	8.902	400	ug/ml
Aliphatic C28-C40	17.201	22.043	4548143	35.326	600	ug/ml
Aliphatic EPH	3.134	22.043	19936008	145.563		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.279	13.279	2804714	24.7		ug/ml
Aliphatic C9-C28	3.134	17.200	15387865	110.238	1200	ug/ml