

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-10	SDG No.:	P4839
Lab Sample ID:	P4839-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.09	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	11/18/24 9:51	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	28.0		5	2.17	5.70	mg/kg FE051301.D
Aliphatic C12-C16	Aliphatic C12-C16	53.1		5	1.37	3.80	mg/kg FE051301.D
Aliphatic C16-C21	Aliphatic C16-C21	10.3		1	0.34	1.14	mg/kg FE051263.D
Aliphatic C21-C28	Aliphatic C21-C28	1.08	J	1	0.91	1.52	mg/kg FE051263.D
Aliphatic C28-C40	Aliphatic C28-C40	4.38		1	2.05	2.28	mg/kg FE051263.D
Aromatic C10-C12	Aromatic C10-C12	4.70		1	0.34	0.76	mg/kg FD048781.D
Aromatic C12-C16	Aromatic C12-C16	15.3		1	0.39	1.14	mg/kg FD048781.D
Aromatic C16-C21	Aromatic C16-C21	19.3		1	1.10	1.90	mg/kg FD048781.D
Aromatic C21-C36	Aromatic C21-C36	3.96		1	2.28	3.04	mg/kg FD048781.D
Total AliphaticEPH	Total AliphaticEPH	96.9			6.84	14.4	mg/kg
Total AromaticEPH	Total AromaticEPH	43.3			4.11	6.84	mg/kg
Total EPH	Total EPH	140			11.0	21.3	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-10	SDG No.:	P4839
Lab Sample ID:	P4839-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048781.D	1	11/14/24	11/19/24	PB164996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.70		0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	15.3		0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	19.3		1.10	1.90	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.96		2.28	3.04	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.2		40 - 140	122%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.1		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.0		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4839-02	Acq On:	19 Nov 2024 13:45
Client Sample ID:	EX-9-TPH-10	Operator:	YP/AJ
Data file:	FD048781.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	11878169	61.86	200	ug/ml
Aromatic C12-C16	5.806	8.411	38738247	201.281	300	ug/ml
Aromatic C16-C21	8.412	12.674	47042604	253.183	500	ug/ml
Aromatic C21-C36	12.675	18.081	8188485	52.079	800	ug/ml
Aromatic EPH	4.088	18.081	105847505	568.403		ug/ml
2-Bromonaphthalene (SURRE)	7.368	7.368	10769066	61.17		ug/ml
2-Fluorobiphenyl (SURRE)	8.218	8.218	6808569	59.12		ug/ml
ortho-Terphenyl (SURRE)	11.254	11.254	9422640	48.99		ug/ml