

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-10-TPH-1	SDG No.:	P4839
Lab Sample ID:	P4839-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.01	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 17:48	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	1	0.45	1.18	mg/kg	FE051268.D
Aliphatic C12-C16	Aliphatic C12-C16	1.63		1	0.28	0.79	mg/kg	FE051268.D
Aliphatic C16-C21	Aliphatic C16-C21	0.74	J	1	0.35	1.18	mg/kg	FE051268.D
Aliphatic C21-C28	Aliphatic C21-C28	0.94	U	1	0.94	1.57	mg/kg	FE051268.D
Aliphatic C28-C40	Aliphatic C28-C40	2.45		1	2.12	2.35	mg/kg	FE051268.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.79	mg/kg	FF015060.D
Aromatic C12-C16	Aromatic C12-C16	4.54		1	0.40	1.18	mg/kg	FF015060.D
Aromatic C16-C21	Aromatic C16-C21	4.85		1	1.13	1.96	mg/kg	FF015060.D
Aromatic C21-C36	Aromatic C21-C36	2.35	U	1	2.35	3.14	mg/kg	FF015060.D
Total AliphaticEPH	Total AliphaticEPH	4.82	J		4.14	7.07	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.39			4.23	7.07	mg/kg	
Total EPH	Total EPH	14.2			8.38	14.1	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

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Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051268.D	1	11/14/24	11/15/24	PB164996

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Aliphatic C28-C40	Aliphatic C28-C40	2.45		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-14	Acq On:	15 Nov 2024 17:48
Client Sample ID:	EX-10-TPH-1	Operator:	YP\AJ
Data file:	FE051268.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	726689	5.194	300	ug/ml
Aliphatic C12-C16	6.754	10.185	2914803	20.726	200	ug/ml
Aliphatic C16-C21	10.186	13.544	1305385	9.475	300	ug/ml
Aliphatic C21-C28	13.545	17.200	843422	6.296	400	ug/ml
Aliphatic C28-C40	17.201	22.043	4019367	31.219	600	ug/ml
Aliphatic EPH	3.134	22.043	9809666	72.91		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	4130935	36.39		ug/ml
Aliphatic C9-C28	3.134	17.200	5790299	41.691	1200	ug/ml