

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 17:03	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	218		100	44.7	117	mg/kg FE050947.D
Aliphatic C12-C16	Aliphatic C12-C16	875		100	28.2	78.3	mg/kg FE050947.D
Aliphatic C16-C21	Aliphatic C16-C21	648		100	35.3	117	mg/kg FE050947.D
Aliphatic C21-C28	Aliphatic C21-C28	55.0		10	9.40	15.7	mg/kg FE050946.D
Aliphatic C28-C40	Aliphatic C28-C40	5.82		1	2.12	2.35	mg/kg FE050924.D
Aromatic C10-C12	Aromatic C10-C12	60.4		5	1.76	3.92	mg/kg FG014602.D
Aromatic C12-C16	Aromatic C12-C16	493		50	20.0	58.8	mg/kg FG014603.D
Aromatic C16-C21	Aromatic C16-C21	950		50	56.4	97.9	mg/kg FG014603.D
Aromatic C21-C36	Aromatic C21-C36	70.5		5	11.8	15.7	mg/kg FG014602.D
Total AliphaticEPH	Total AliphaticEPH	1800			120	330	mg/kg
Total AromaticEPH	Total AromaticEPH	1570			90.0	176	mg/kg
Total EPH	Total EPH	3380			210	507	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050924.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	200	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	720	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	533	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	54.2	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.82		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-03	Acq On:	31 Oct 2024 05:00
Client Sample ID:	EX-1-TPH-3	Operator:	YP\AJ
Data file:	FE050924.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	365636380	2560	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1334483976	9200	200	ug/ml
Aliphatic C16-C21	10.195	13.554	982880667	6810	300	ug/ml
Aliphatic C21-C28	13.555	17.208	98295045	691.464	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10280521	74.333	600	ug/ml
Aliphatic EPH	3.144	22.057	2791576589	19300		ug/ml
ortho-Terphenyl (SURRE)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURRE)	13.298	13.298	3346986	28.29		ug/ml
Aliphatic C9-C28	3.144	17.208	2781296068	19300	1200	ug/ml