

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2	SDG No.:	P4518
Lab Sample ID:	P4518-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/29/24 7:42	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	44.1		5	2.39	6.30	mg/kg FC067550.D
Aliphatic C12-C16	Aliphatic C12-C16	235		25	7.56	21.0	mg/kg FC067553.D
Aliphatic C16-C21	Aliphatic C16-C21	340		25	9.45	31.5	mg/kg FC067553.D
Aliphatic C21-C28	Aliphatic C21-C28	100		5	5.04	8.40	mg/kg FC067550.D
Aliphatic C28-C40	Aliphatic C28-C40	125		5	11.3	12.6	mg/kg FC067550.D
Aromatic C10-C12	Aromatic C10-C12	17.5		2	0.76	1.68	mg/kg FD048610.D
Aromatic C12-C16	Aromatic C12-C16	125		20	8.57	25.2	mg/kg FD048611.D
Aromatic C16-C21	Aromatic C16-C21	433		20	24.2	42.0	mg/kg FD048611.D
Aromatic C21-C36	Aromatic C21-C36	77.6		2	5.04	6.72	mg/kg FD048610.D
Total AliphaticEPH	Total AliphaticEPH	844			35.7	79.8	mg/kg
Total AromaticEPH	Total AromaticEPH	653			38.6	75.6	mg/kg
Total EPH	Total EPH	1500			74.3	155	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:	79.2	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067527.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	48.1	E	0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	229	E	0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	328	E	0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	133	E	1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	129	E	2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.5		40 - 140	37%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-02	Acq On:	25 Oct 2024 16:54
Client Sample ID:	EX-5-TPH-2	Operator:	YP/AJ
Data file:	FC067527.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	77619115	572.963	300	ug/ml
Aliphatic C12-C16	6.454	9.843	358862923	2730	200	ug/ml
Aliphatic C16-C21	9.844	13.201	498057818	3910	300	ug/ml
Aliphatic C21-C28	13.202	16.856	191040399	1590	400	ug/ml
Aliphatic C28-C40	16.857	21.702	155735922	1540	600	ug/ml
Aliphatic EPH	3.173	21.702	1281316177	10300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.938	12.938	1994533	18.47		ug/ml
Aliphatic C9-C28	3.173	16.856	1125580255	8800	1200	ug/ml