

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2DL2	SDG No.:	P4518
Lab Sample ID:	P4518-02DL2	Matrix:	Solid
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
FC067553.D	25	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	50.5		12.0	31.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	235		7.56	21.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	340		9.45	31.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	42.5		25.2	42.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	152		56.7	63.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.76		40 - 140	38%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-02DL2	Acq On:	29 Oct 2024 09:31
Client Sample ID:	EX-5-TPH-2DL2	Operator:	YP/AJ
Data file:	FC067553.D	Misc:	
Instrument:	FID_C	ALS Vial:	27
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	3259580	24.061	300	ug/ml
Aliphatic C12-C16	6.454	9.842	14755876	112.057	200	ug/ml
Aliphatic C16-C21	9.843	13.200	20595384	161.869	300	ug/ml
Aliphatic C21-C28	13.201	16.853	2428411	20.222	400	ug/ml
Aliphatic C28-C40	16.854	21.695	7332815	72.535	600	ug/ml
Aliphatic EPH	3.173	21.695	48372066	390.744		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.928	12.928	82366	0.76		ug/ml
Aliphatic C9-C28	3.173	16.853	41039251	318.209	1200	ug/ml