

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL	SDG No.:	P4518
Lab Sample ID:	P4518-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067556.D	10	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	140		4.73	12.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	819	E	2.98	8.29	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	762	E	3.73	12.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	162		9.95	16.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	172		22.4	24.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.67		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:	P4518-04DL	Acq On:	29 Oct 2024 11:23
Client Sample ID:	EX-5-TPH-4DL	Operator:	YP/AJ
Data file:	FC067556.D	Misc:	
Instrument:	FID_C	ALS Vial:	30
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	22970876	169.565	300	ug/ml
Aliphatic C12-C16	6.454	9.842	130160403	988.447	200	ug/ml
Aliphatic C16-C21	9.843	13.200	117053682	919.98	300	ug/ml
Aliphatic C21-C28	13.201	16.853	23516503	195.823	400	ug/ml
Aliphatic C28-C40	16.854	21.695	21027710	208.003	600	ug/ml
Aliphatic EPH	3.173	21.695	314729174	2480		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	396097	3.67		ug/ml
Aliphatic C9-C28	3.173	16.853	293701464	2270	1200	ug/ml