

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9	SDG No.:	Q1308
Lab Sample ID:	Q1308-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 23:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	702		100	42.0	110	mg/kg FE052305.D
Aliphatic C12-C16	Aliphatic C12-C16	1260		100	26.5	73.7	mg/kg FE052305.D
Aliphatic C16-C21	Aliphatic C16-C21	445		100	33.2	110	mg/kg FE052305.D
Aliphatic C21-C28	Aliphatic C21-C28	83.8		5	4.42	7.37	mg/kg FE052304.D
Aliphatic C28-C40	Aliphatic C28-C40	47.3		5	9.95	11.1	mg/kg FE052304.D
Aromatic C10-C12	Aromatic C10-C12	182		25	8.29	18.4	mg/kg FF015505.D
Aromatic C12-C16	Aromatic C12-C16	548		25	9.40	27.6	mg/kg FF015505.D
Aromatic C16-C21	Aromatic C16-C21	660		25	26.5	46.1	mg/kg FF015505.D
Aromatic C21-C36	Aromatic C21-C36	63.2		5	11.1	14.7	mg/kg FF015504.D
Total AliphaticEPH	Total AliphaticEPH	2540			116	312	mg/kg
Total AromaticEPH	Total AromaticEPH	1450			55.3	107	mg/kg
Total EPH	Total EPH	3990			171	419	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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Client Sample ID:	EX-11-TPH-9		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052289.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	595	E	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1180	E	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	411	E	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	86.7	E	0.89	1.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.1	E	1.99	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-08	Acq On:	07 Feb 2025 13:57
Client Sample ID:	EX-11-TPH-9	Operator:	YP\AJ
Data file:	FE052289.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	777492568	8080	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1669143311	15900	200	ug/ml
Aliphatic C16-C21	10.640	13.984	630579755	5580	300	ug/ml
Aliphatic C21-C28	13.985	17.628	134025001	1180	400	ug/ml
Aliphatic C28-C40	17.629	22.712	56019819	611.88	600	ug/ml
Aliphatic EPH	3.679	22.712	3267260454	31400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.728	13.728	3972766	40.25		ug/ml
Aliphatic C9-C28	3.679	17.628	3211240635	30800	1200	ug/ml