

### 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-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
FF015489.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aromatic C10-C12	Aromatic C10-C12	118	E	0.35	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	586	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	724	E	1.13	1.96	mg/kg
Aromatic C21-C36	Aromatic C21-C36	33.4		2.35	3.14	mg/kg
<b>SURROGATES</b>						
580-13-2	2-Bromonaphthalene (SURR)	88.1		40 - 140	176%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	65.7		40 - 140	131%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.9		40 - 140	78%	SPK: 50



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## Quantitation Report For Aromatic EPH Range.

Lab Sample ID: Q1308-06 Acq On: 07 Feb 2025 13:02  
Client Sample ID: EX-11-TPH-7 Operator: YP\AJ  
Data file: FF015489.D Misc:  
Instrument: FID\_F ALS Vial: 75  
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	208683175	1510	200	ug/ml
Aromatic C12-C16	6.375	9.068	1003254262	7480	300	ug/ml
Aromatic C16-C21	9.069	13.385	1137682095	9230	500	ug/ml
Aromatic C21-C36	13.386	18.838	50122010	425.569	800	ug/ml
Aromatic EPH	4.505	18.838	2399741542	18600		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	10472023	88.11		ug/ml
2-Fluorobiphenyl (SURR)	8.895	8.895	4987537	65.68		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	5130658	38.9		ug/ml