

Report of Analysis

Client:	PSEG	Date Collected:	09/23/25
Project:	Moorestown	Date Received:	09/23/25
Client Sample ID:	TOTES COMP#2	SDG No.:	Q3168
Lab Sample ID:	Q3168-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
09/24/25 10:10	09/26/25 2:27	PB169821

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1470		10	82.8	300	ug/l	FE056015.D
Aliphatic C12-C16	Aliphatic C12-C16	65800		1000	13500	20000	ug/l	FE056025.D
Aliphatic C16-C21	Aliphatic C16-C21	301000		1000	8340	30000	ug/l	FE056025.D
Aliphatic C21-C28	Aliphatic C21-C28	89000		1000	12500	40000	ug/l	FE056025.D
Aliphatic C28-C40	Aliphatic C28-C40	2650		10	238	600	ug/l	FE056015.D
Aromatic C10-C12	Aromatic C10-C12	239		1	2.07	20.0	ug/l	FD049754.D
Aromatic C12-C16	Aromatic C12-C16	8240		200	852	6000	ug/l	FD049760.D
Aromatic C16-C21	Aromatic C16-C21	139000		200	1650	10000	ug/l	FD049760.D
Aromatic C21-C36	Aromatic C21-C36	68300		200	4760	16000	ug/l	FD049760.D
Total AliphaticEPH	Total AliphaticEPH	460000			34700	90900	ug/l	
Total AromaticEPH	Total AromaticEPH	216000			7270	32000	ug/l	
Total EPH	Total EPH	675000			41900	123000	ug/l	

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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Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049754.D	1	09/24/25	09/25/25	PB169821

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	239		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	5810	E	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	101000	E	8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	48200	E	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	0.00		40 - 140	0%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3168-06	Acq On:	25 Sep 2025 12:57
Client Sample ID:	TOTES COMP#2	Operator:	YP/AJ
Data file:	FD049754.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.388	6.131	13896829	119.742	200	ug/ml
Aromatic C12-C16	6.132	8.760	394675641	2900	300	ug/ml
Aromatic C16-C21	8.761	13.052	6833629116	50300	500	ug/ml
Aromatic C21-C36	13.053	18.473	2850758172	24100	800	ug/ml
Aromatic EPH	4.388	18.473	10092959758	77500		ug/ml
2-Bromonaphthalene (SURR)	0.000	0.000	0	0		ug/ml
2-Fluorobiphenyl (SURR)	0.000	0.000	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml