

Report of Analysis

Client:	PSEG	Date Collected:	09/23/25
Project:	Moorestown	Date Received:	09/23/25
Client Sample ID:	TOTES COMP#1	SDG No.:	Q3168
Lab Sample ID:	Q3168-05	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	09/25/25 10:31	PB169821

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	93.2		1	8.28	30.0	ug/l	FE055988.D
Aliphatic C12-C16	Aliphatic C12-C16	11600		100	1350	2000	ug/l	FE056012.D
Aliphatic C16-C21	Aliphatic C16-C21	74300		200	1670	6000	ug/l	FE056013.D
Aliphatic C21-C28	Aliphatic C21-C28	22200		100	1250	4000	ug/l	FE056012.D
Aliphatic C28-C40	Aliphatic C28-C40	6000	U	100	2380	6000	ug/l	FE056012.D
Aromatic C10-C12	Aromatic C10-C12	98.3		1	2.07	20.0	ug/l	FD049753.D
Aromatic C12-C16	Aromatic C12-C16	679		5	21.3	150	ug/l	FD049757.D
Aromatic C16-C21	Aromatic C16-C21	17700		20	165	1000	ug/l	FD049758.D
Aromatic C21-C36	Aromatic C21-C36	11300		20	476	1600	ug/l	FD049758.D
Total AliphaticEPH	Total AliphaticEPH	108000			6660	18000	ug/l	
Total AromaticEPH	Total AromaticEPH	29800			664	2770	ug/l	
Total EPH	Total EPH	138000			7320	20800	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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Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049753.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	98.3		2.07	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	721	E	4.26	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	16200	E	8.27	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	10200	E	23.8	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.6		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.5		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	63.7		40 - 140	127%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3168-05	Acq On:	25 Sep 2025 12:10
Client Sample ID:	TOTES COMP#1	Operator:	YP/AJ
Data file:	FD049753.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.388	6.131	5703428	49.144	200	ug/ml
Aromatic C12-C16	6.132	8.760	49000253	360.652	300	ug/ml
Aromatic C16-C21	8.761	13.052	1096859888	8080	500	ug/ml
Aromatic C21-C36	13.053	18.473	601493087	5080	800	ug/ml
Aromatic EPH	4.388	18.473	1753056656	13600		ug/ml
2-Bromonaphthalene (SURR)	7.699	7.699	5126671	45.59		ug/ml
2-Fluorobiphenyl (SURR)	8.564	8.564	2609202	32.5		ug/ml
ortho-Terphenyl (SURR)	11.630	11.630	9008378	63.67		ug/ml