

Report of Analysis

Client:	PSEG	Date Collected:	11/17/25
Project:	PSEG Ridgefield OH ROW Bridge	Date Received:	11/17/25
Client Sample ID:	FRAC-TANK-M21012	SDG No.:	Q3660
Lab Sample ID:	Q3660-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	980 mL	Test:	EPH
Prep Method :	SW3510	Final Vol:	2000 uL
		Prep Date :	11/18/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	30.6	U	1	8.45	30.6	ug/l	FG016945.D	11/18/25 18:18	PB170607
Aliphatic C12-C16	Aliphatic C12-C16	20.4	U	1	13.8	20.4	ug/l	FG016945.D	11/18/25 18:18	PB170607
Aliphatic C16-C21	Aliphatic C16-C21	110		1	8.51	30.6	ug/l	FG016945.D	11/18/25 18:18	PB170607
Aliphatic C21-C28	Aliphatic C21-C28	40.8	U	1	12.8	40.8	ug/l	FG016945.D	11/18/25 18:18	PB170607
Aliphatic C28-C40	Aliphatic C28-C40	54.0	J	1	24.3	61.2	ug/l	FG016945.D	11/18/25 18:18	PB170607
Aromatic C10-C12	Aromatic C10-C12	5.66	J	1	2.11	20.4	ug/l	FF016740.D	11/18/25 18:18	PB170607
Aromatic C12-C16	Aromatic C12-C16	15.1	J	1	4.35	30.6	ug/l	FF016740.D	11/18/25 18:18	PB170607
Aromatic C16-C21	Aromatic C16-C21	54.0		1	8.44	51.0	ug/l	FF016740.D	11/18/25 18:18	PB170607
Aromatic C21-C36	Aromatic C21-C36	81.6	U	1	24.3	81.6	ug/l	FF016740.D	11/18/25 18:18	PB170607
Total AliphaticEPH	Total AliphaticEPH	164	J		67.9	184	ug/l			
Total AromaticEPH	Total AromaticEPH	74.8	J		39.2	184	ug/l			
Total EPH	Total EPH	239	J		107	367	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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Lab Sample ID:	Q3660-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol:	2000 uL
Prep Method :	SW3510	Test:	EPH
		Prep Date	11/18/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aromatic C10-C12	Aromatic C10-C12	5.66	J	1	2.11	20.4	ug/l	11/18/25	PB170607
Aromatic C12-C16	Aromatic C12-C16	15.1	J	1	4.35	30.6	ug/l	11/18/25	PB170607
Aromatic C16-C21	Aromatic C16-C21	54.0		1	8.44	51.0	ug/l	11/18/25	PB170607
Aromatic C21-C36	Aromatic C21-C36	81.6	U	1	24.3	81.6	ug/l	11/18/25	PB170607
SURROGATES									
580-13-2	2-Bromonaphthalene (SURR)	55.2			40 - 140	110%	SPK: 50		
321-60-8	2-Fluorobiphenyl (SURR)	58.3			40 - 140	117%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	45.9			40 - 140	92%	SPK: 50		

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3660-01	Acq On:	18 Nov 2025 18:18
Client Sample ID:	FRAC-TANK-M21012	Operator:	YP\AJ
Data file:	FF016740.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.487	6.366	365788	2.772	200	ug/ml
Aromatic C12-C16	6.367	9.073	998397	7.386	300	ug/ml
Aromatic C16-C21	9.074	13.397	3537659	26.451	500	ug/ml
Aromatic C21-C36	13.398	18.864	956016	8.125	800	ug/ml
Aromatic EPH	4.487	18.864	5857860	44.734		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	6743453	45.92		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	6255764	55.2		ug/ml
2-Fluorobiphenyl (SURR)	8.885	8.885	4155855	58.27		ug/ml