

Report of Analysis

Client:	PSEG	Date Collected:	10/14/25
Project:	Camden Gas Plant	Date Received:	10/14/25
Client Sample ID:	TANK-FARM-WATER	SDG No.:	Q3345
Lab Sample ID:	Q3345-07	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 mL	Test:	EPH
Prep Method :	SW3510	Final Vol:	2000 uL
		Prep Date :	10/15/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C9-C12	Aliphatic C9-C12	30.0	U	1	8.28	30.0	ug/l	FC069977.D	10/15/25 17:30	PB170099
Aliphatic C12-C16	Aliphatic C12-C16	20.0	U	1	13.5	20.0	ug/l	FC069977.D	10/15/25 17:30	PB170099
Aliphatic C16-C21	Aliphatic C16-C21	44.9		1	8.34	30.0	ug/l	FC069977.D	10/15/25 17:30	PB170099
Aliphatic C21-C28	Aliphatic C21-C28	40.0	U	1	12.5	40.0	ug/l	FC069977.D	10/15/25 17:30	PB170099
Aliphatic C28-C40	Aliphatic C28-C40	39.4	J	1	23.8	60.0	ug/l	FC069977.D	10/15/25 17:30	PB170099
Aromatic C10-C12	Aromatic C10-C12	4.70	J	1	2.07	20.0	ug/l	FD049846.D	10/15/25 17:30	PB170099
Aromatic C12-C16	Aromatic C12-C16	63.8		1	4.26	30.0	ug/l	FD049846.D	10/15/25 17:30	PB170099
Aromatic C16-C21	Aromatic C16-C21	45.5	J	1	8.27	50.0	ug/l	FD049846.D	10/15/25 17:30	PB170099
Aromatic C21-C36	Aromatic C21-C36	80.0	U	1	23.8	80.0	ug/l	FD049846.D	10/15/25 17:30	PB170099
Total AliphaticEPH	Total AliphaticEPH	84.3	J		66.4	180	ug/l			
Total AromaticEPH	Total AromaticEPH	114	J		38.4	180	ug/l			
Total EPH	Total EPH	198	J		105	360	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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Aliphatic C28-C40	Aliphatic C28-C40	39.4	J	1	23.8	60.0	ug/l	10/15/25	PB170099
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	23.5			40 - 140	47%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	0.00			40 - 140	0%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3345-07	Acq On:	15 Oct 2025 17:30
Client Sample ID:	TANK-FARM-WATER	Operator:	YP/AJ
Data file:	FC069977.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.484	6.577	326396	2.254	300	ug/ml
Aliphatic C12-C16	6.578	9.978	395537	2.415	200	ug/ml
Aliphatic C16-C21	9.979	13.346	3635596	22.45	300	ug/ml
Aliphatic C21-C28	13.347	17.009	364279	2.476	400	ug/ml
Aliphatic C28-C40	17.010	21.966	2121893	19.72	600	ug/ml
Aliphatic EPH	3.484	21.966	6843701	49.315		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.080	13.080	3195751	23.54		ug/ml
Aliphatic C9-C28	3.484	17.009	4721808	29.595	1200	ug/ml