

Report of Analysis

Client:	PSEG	Date Collected:	10/24/25
Project:	PSEG Hoboken	Date Received:	10/24/25
Client Sample ID:	WC-5	SDG No.:	Q3460
Lab Sample ID:	Q3460-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/27/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	9.33		1	1.25	2.11	mg/kg	FE056526.D	10/27/25 21:20	PB170258
Aliphatic C9-C28	Aliphatic C9-C28	2.30	J	1	0.96	4.23	mg/kg	FE056526.D	10/27/25 21:20	PB170258
Total AliphaticEPH	Total AliphaticEPH	11.6			2.21	6.34	mg/kg			
Total EPH	Total EPH	11.6			2.21	6.34	mg/kg			

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/27/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	2.30	J	1	0.96	4.23	mg/kg	10/27/25	PB170258
Aliphatic C28-C40	Aliphatic C28-C40	9.33		1	1.25	2.11	mg/kg	10/27/25	PB170258
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	26.3			40 - 140	53%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.1			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3460-17	Acq On:	27 Oct 2025 21:20
Client Sample ID:	WC-5	Operator:	YP\AJ
Data file:	FE056526.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.245	6.871	355286	2.152	300	ug/ml
Aliphatic C12-C16	6.872	10.320	825994	4.843	200	ug/ml
Aliphatic C16-C21	10.321	13.697	1510177	8.454	300	ug/ml
Aliphatic C21-C28	13.698	17.368	3070464	17.145	400	ug/ml
Aliphatic C28-C40	17.369	22.326	18405614	132.603	600	ug/ml
Aliphatic EPH	3.245	22.326	24167535	165.197		ug/ml
ortho-Terphenyl (SURR)	11.987	11.987	5133142	25.13		ug/ml
1-chlorooctadecane (SURR)	13.426	13.426	4006174	26.26		ug/ml
Aliphatic C9-C28	3.245	17.368	5761921	32.594	1200	ug/ml