

Report of Analysis

Client:	PSEG	Date Collected:	10/24/25
Project:	PSEG Hoboken	Date Received:	10/24/25
Client Sample ID:	WC-4	SDG No.:	Q3460
Lab Sample ID:	Q3460-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.08 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	9.36		1	1.24	2.10	mg/kg	FE056524.D	10/27/25 20:19	PB170258
Aliphatic C9-C28	Aliphatic C9-C28	5.76		1	0.95	4.20	mg/kg	FE056524.D	10/27/25 20:19	PB170258
Total AliphaticEPH	Total AliphaticEPH	15.1			2.19	6.30	mg/kg			
Total EPH	Total EPH	15.1			2.19	6.30	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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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	5.76	1		0.95	4.20	mg/kg	10/27/25	PB170258
Aliphatic C28-C40	Aliphatic C28-C40	9.36	1		1.24	2.10	mg/kg	10/27/25	PB170258
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.6			40 - 140	59%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.1			40 - 140	54%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3460-13	Acq On:	27 Oct 2025 20:19
Client Sample ID:	WC-4	Operator:	YP\AJ
Data file:	FE056524.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.245	6.871	552182	3.345	300	ug/ml
Aliphatic C12-C16	6.872	10.320	1629353	9.554	200	ug/ml
Aliphatic C16-C21	10.321	13.697	4568025	25.571	300	ug/ml
Aliphatic C21-C28	13.698	17.368	7862183	43.901	400	ug/ml
Aliphatic C28-C40	17.369	22.326	18596271	133.976	600	ug/ml
Aliphatic EPH	3.245	22.326	33208014	216.347		ug/ml
ortho-Terphenyl (SURR)	11.988	11.988	5527054	27.05		ug/ml
1-chlorooctadecane (SURR)	13.427	13.427	4511300	29.57		ug/ml
Aliphatic C9-C28	3.245	17.368	14611743	82.371	1200	ug/ml