

Report of Analysis

Client:	PSEG	Date Collected:	10/24/25
Project:	PSEG Hoboken	Date Received:	10/24/25
Client Sample ID:	WC-1	SDG No.:	Q3460
Lab Sample ID:	Q3460-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.07 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	15.0		1	1.26	2.14	mg/kg	FE056518.D	10/27/25 17:18	PB170258
Aliphatic C9-C28	Aliphatic C9-C28	2.57	J	1	0.97	4.28	mg/kg	FE056518.D	10/27/25 17:18	PB170258
Total AliphaticEPH	Total AliphaticEPH	17.6			2.23	6.42	mg/kg			
Total EPH	Total EPH	17.6			2.23	6.42	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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Aliphatic C9-C28	Aliphatic C9-C28	2.57	J	1	0.97	4.28	mg/kg	10/27/25	PB170258
Aliphatic C28-C40	Aliphatic C28-C40	15.0		1	1.26	2.14	mg/kg	10/27/25	PB170258
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	32.0			40 - 140	64%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	30.6			40 - 140	61%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3460-01	Acq On:	27 Oct 2025 17:18
Client Sample ID:	WC-1	Operator:	YP\AJ
Data file:	FE056518.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.245	6.871	439656	2.663	300	ug/ml
Aliphatic C12-C16	6.872	10.320	1009659	5.92	200	ug/ml
Aliphatic C16-C21	10.321	13.697	1713269	9.591	300	ug/ml
Aliphatic C21-C28	13.698	17.368	3189637	17.81	400	ug/ml
Aliphatic C28-C40	17.369	22.326	29259803	210.801	600	ug/ml
Aliphatic EPH	3.245	22.326	35612024	246.786		ug/ml
ortho-Terphenyl (SURR)	11.990	11.990	6262281	30.65		ug/ml
1-chlorooctadecane (SURR)	13.429	13.429	4890591	32.05		ug/ml
Aliphatic C9-C28	3.245	17.368	6352221	35.984	1200	ug/ml