

Report of Analysis

Client:	PSEG	Date Collected:	11/21/25
Project:	PSEG Livingston Pole Replacement	Date Received:	11/21/25
Client Sample ID:	LI-1-112125	SDG No.:	Q3709
Lab Sample ID:	Q3709-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.07 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 11/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	5.89		1	1.36	2.31	mg/kg	FE057006.D	11/24/25 18:43	PB170707
Aliphatic C9-C28	Aliphatic C9-C28	3.96	J	1	1.05	4.61	mg/kg	FE057006.D	11/24/25 18:43	PB170707
Total AliphaticEPH	Total AliphaticEPH	9.85			2.41	6.92	mg/kg			
Total EPH	Total EPH	9.85			2.41	6.92	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	3.96	J	1	1.05	4.61	mg/kg	11/24/25	PB170707
Aliphatic C28-C40	Aliphatic C28-C40	5.89		1	1.36	2.31	mg/kg	11/24/25	PB170707
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	21.4			40 - 140	43%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.1			40 - 140	50%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3709-01	Acq On:	24 Nov 2025 18:43
Client Sample ID:	LI-1-112125	Operator:	YP\AJ
Data file:	FE057006.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.204	6.829	485006	2.834	300	ug/ml
Aliphatic C12-C16	6.830	10.275	745816	4.172	200	ug/ml
Aliphatic C16-C21	10.276	13.649	2818943	15.115	300	ug/ml
Aliphatic C21-C28	13.650	17.319	5662270	29.374	400	ug/ml
Aliphatic C28-C40	17.320	22.252	12196719	76.557	600	ug/ml
Aliphatic EPH	3.204	22.252	21908754	128.052		ug/ml
ortho-Terphenyl (SURR)	11.943	11.943	5244850	25.11		ug/ml
1-chlorooctadecane (SURR)	13.380	13.380	3454094	21.44		ug/ml
Aliphatic C9-C28	3.204	17.319	9712035	51.495	1200	ug/ml