

Report of Analysis

Client:	PSEG	Date Collected:	12/09/25
Project:	PSEG South Clifton Ave Property	Date Received:	12/09/25
Client Sample ID:	TP-13	SDG No.:	Q3826
Lab Sample ID:	Q3826-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
Sample Wt/Vol:	30.08 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/10/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	6.44		1	1.38	2.34	mg/kg	FE057300.D	12/11/25 2:45	PB170886
Aliphatic C9-C28	Aliphatic C9-C28	6.20		1	1.06	4.68	mg/kg	FE057300.D	12/11/25 2:45	PB170886
Total AliphaticEPH	Total AliphaticEPH	12.6			2.44	7.02	mg/kg			
Total EPH	Total EPH	12.6			2.44	7.02	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	6.20	1		1.06	4.68	mg/kg	12/11/25	PB170886
Aliphatic C28-C40	Aliphatic C28-C40	6.44	1		1.38	2.34	mg/kg	12/11/25	PB170886
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	37.1			40 - 140	74%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	43.2			40 - 140	86%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3826-01	Acq On:	11 Dec 2025 02:45
Client Sample ID:	TP-13	Operator:	YP\AJ
Data file:	FE057300.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.189	6.816	592844	2.955	300	ug/ml
Aliphatic C12-C16	6.817	10.262	1449311	7.133	200	ug/ml
Aliphatic C16-C21	10.263	13.636	10969440	55.313	300	ug/ml
Aliphatic C21-C28	13.637	17.306	2775452	13.965	400	ug/ml
Aliphatic C28-C40	17.307	22.235	16496837	82.525	600	ug/ml
Aliphatic EPH	3.189	22.235	32283884	161.891		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	9483636	43.22		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	6181866	37.14		ug/ml
Aliphatic C9-C28	3.189	17.306	15787047	79.366	1200	ug/ml