

Report of Analysis

Client:	PSEG	Date Collected:	12/08/25
Project:	PSEG South Clifton Ave Property	Date Received:	12/08/25
Client Sample ID:	TP-7	SDG No.:	Q3814
Lab Sample ID:	Q3814-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.9
Sample Wt/Vol:	30.06 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/09/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	6.83		1	1.37	2.32	mg/kg	FE057254.D	12/09/25 18:57	PB170876
Aliphatic C9-C28	Aliphatic C9-C28	2.44	J	1	1.06	4.64	mg/kg	FE057254.D	12/09/25 18:57	PB170876
Total AliphaticEPH	Total AliphaticEPH	9.27			2.43	6.96	mg/kg			
Total EPH	Total EPH	9.27			2.43	6.96	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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		Prep Date	12/09/25

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TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	2.44	J	1	1.06	4.64	mg/kg	12/09/25	PB170876
Aliphatic C28-C40	Aliphatic C28-C40	6.83		1	1.37	2.32	mg/kg	12/09/25	PB170876
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.5			40 - 140	63%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	36.8			40 - 140	74%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3814-05	Acq On:	09 Dec 2025 18:57
Client Sample ID:	TP-7	Operator:	YP\AJ
Data file:	FE057254.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.193	6.818	1029634	5.131	300	ug/ml
Aliphatic C12-C16	6.819	10.263	1457438	7.173	200	ug/ml
Aliphatic C16-C21	10.264	13.636	967685	4.88	300	ug/ml
Aliphatic C21-C28	13.637	17.304	2840409	14.292	400	ug/ml
Aliphatic C28-C40	17.305	22.230	17625188	88.17	600	ug/ml
Aliphatic EPH	3.193	22.230	23920354	119.646		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	8079463	36.82		ug/ml
1-chlorooctadecane (SURR)	13.369	13.369	5245223	31.52		ug/ml
Aliphatic C9-C28	3.193	17.304	6295166	31.476	1200	ug/ml