

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-2	SDG No.:	Q3826
Lab Sample ID:	Q3826-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.7
Sample Wt/Vol:	30.05 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	6.34		1	1.37	2.33	mg/kg	FE057290.D	12/10/25 20:41	PB170886
Aliphatic C9-C28	Aliphatic C9-C28	2.94	J	1	1.06	4.65	mg/kg	FE057290.D	12/10/25 20:41	PB170886
Total AliphaticEPH	Total AliphaticEPH	9.28			2.43	6.98	mg/kg			
Total EPH	Total EPH	9.28			2.43	6.98	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	2.94	J	1	1.06	4.65	mg/kg	12/10/25	PB170886
Aliphatic C28-C40	Aliphatic C28-C40	6.34		1	1.37	2.33	mg/kg	12/10/25	PB170886
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.0			40 - 140	40%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.4			40 - 140	47%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3826-11	Acq On:	10 Dec 2025 20:41
Client Sample ID:	TP-2	Operator:	YP\AJ
Data file:	FE057290.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	3.189	6.816	536177	2.672	300	ug/ml
Aliphatic C12-C16	6.817	10.262	811852	3.996	200	ug/ml
Aliphatic C16-C21	10.263	13.636	4348764	21.928	300	ug/ml
Aliphatic C21-C28	13.637	17.306	1841758	9.267	400	ug/ml
Aliphatic C28-C40	17.307	22.235	16329582	81.689	600	ug/ml
Aliphatic EPH	3.189	22.235	23868133	119.552		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	5123680	23.35		ug/ml
1-chlorooctadecane (SURR)	13.369	13.369	3329302	20		ug/ml
Aliphatic C9-C28	3.189	17.306	7538551	37.863	1200	ug/ml