

## 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-11		SDG No.: Q3826
Lab Sample ID: Q3826-07		Matrix: Solid
Analytical Method: NJEPH		% Solid: 85
Sample Wt/Vol: 30.07 g	Final Vol: 2000 uL	Test: EPH_NF
Prep Method :	Prep Date : 12/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
<b>TARGETS</b>										
Aliphatic C28-C40	Aliphatic C28-C40	5.91		1	1.39	2.35	mg/kg	FE057288.D	12/10/25 19:40	PB170886
Aliphatic C9-C28	Aliphatic C9-C28	5.22		1	1.07	4.68	mg/kg	FE057288.D	12/10/25 19:40	PB170886
Total AliphaticEPH	Total AliphaticEPH	11.1			2.46	7.03	mg/kg			
Total EPH	Total EPH	11.1			2.46	7.03	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.

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U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
Q = indicates LCS control criteria did not meet requirements	

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		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
<b>TARGETS</b>									
Aliphatic C9-C28	Aliphatic C9-C28	5.22	1		1.07	4.68	mg/kg	12/10/25	PB170886
Aliphatic C28-C40	Aliphatic C28-C40	5.91	1		1.39	2.35	mg/kg	12/10/25	PB170886
<b>SURROGATES</b>									
3383-33-2	1-chlorooctadecane (SURR)	24.1			40 - 140	48%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.7			40 - 140	57%	SPK: 50		

### Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3826-07	Acq On:	10 Dec 2025 19:40
Client Sample ID:	TP-11	Operator:	YP\AJ
Data file:	FE057288.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.189	6.816	760181	3.788	300	ug/ml
Aliphatic C12-C16	6.817	10.262	1086248	5.346	200	ug/ml
Aliphatic C16-C21	10.263	13.636	11417664	57.573	300	ug/ml
Aliphatic C21-C28	13.637	17.306	1369698	6.892	400	ug/ml
Aliphatic C28-C40	17.307	22.235	15087682	75.476	600	ug/ml
Aliphatic EPH	3.189	22.235	29721473	149.076		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	6301562	28.72		ug/ml
1-chlorooctadecane (SURR)	13.371	13.371	4016689	24.13		ug/ml
Aliphatic C9-C28	3.189	17.306	14633791	73.599	1200	ug/ml