

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-6	SDG No.:	Q3814
Lab Sample ID:	Q3814-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.5
Sample Wt/Vol:	30.03 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	6.52		1	1.36	2.31	mg/kg	FE057253.D	12/09/25 18:27	PB170876
Aliphatic C9-C28	Aliphatic C9-C28	4.34	J	1	1.05	4.61	mg/kg	FE057253.D	12/09/25 18:27	PB170876
Total AliphaticEPH	Total AliphaticEPH	10.9			2.41	6.92	mg/kg			
Total EPH	Total EPH	10.9			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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	4.34	J	1	1.05	4.61	mg/kg	12/09/25	PB170876
Aliphatic C28-C40	Aliphatic C28-C40	6.52		1	1.36	2.31	mg/kg	12/09/25	PB170876
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	33.2			40 - 140	66%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	38.3			40 - 140	77%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3814-03	Acq On:	09 Dec 2025 18:27
Client Sample ID:	TP-6	Operator:	YP\AJ
Data file:	FE057253.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.193	6.818	583667	2.909	300	ug/ml
Aliphatic C12-C16	6.819	10.263	1067353	5.253	200	ug/ml
Aliphatic C16-C21	10.264	13.636	9549362	48.152	300	ug/ml
Aliphatic C21-C28	13.637	17.304	1571300	7.906	400	ug/ml
Aliphatic C28-C40	17.305	22.230	16937099	84.728	600	ug/ml
Aliphatic EPH	3.193	22.230	29708781	148.948		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	8414136	38.34		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	5524371	33.19		ug/ml
Aliphatic C9-C28	3.193	17.304	12771682	64.22	1200	ug/ml