

Report of Analysis

Client:	PSEG	Date Collected:	12/05/25
Project:	PSEG Sewaren Laydown Yard	Date Received:	12/05/25
Client Sample ID:	RBR 200059	SDG No.:	Q3795
Lab Sample ID:	Q3795-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.8
Sample Wt/Vol:	30.03 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	7.62		1	1.48	2.50	mg/kg	FE057245.D	12/09/25 13:25	PB170866
Aliphatic C9-C28	Aliphatic C9-C28	3.61	J	1	1.14	5.00	mg/kg	FE057245.D	12/09/25 13:25	PB170866
Total AliphaticEPH	Total AliphaticEPH	11.2			2.62	7.50	mg/kg			
Total EPH	Total EPH	11.2			2.62	7.50	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	12/08/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	3.61	J	1	1.14	5.00	mg/kg	12/09/25	PB170866
Aliphatic C28-C40	Aliphatic C28-C40	7.62		1	1.48	2.50	mg/kg	12/09/25	PB170866
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	32.8			40 - 140	66%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	37.7			40 - 140	75%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3795-05	Acq On:	09 Dec 2025 13:25
Client Sample ID:	RBR 200059	Operator:	YP\AJ
Data file:	FE057245.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.193	6.818	507086	2.527	300	ug/ml
Aliphatic C12-C16	6.819	10.263	1234027	6.074	200	ug/ml
Aliphatic C16-C21	10.264	13.636	1350406	6.809	300	ug/ml
Aliphatic C21-C28	13.637	17.304	5534803	27.848	400	ug/ml
Aliphatic C28-C40	17.305	22.230	18245614	91.274	600	ug/ml
Aliphatic EPH	3.193	22.230	26871936	134.532		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	8264567	37.66		ug/ml
1-chlorooctadecane (SURR)	13.370	13.370	5450702	32.75		ug/ml
Aliphatic C9-C28	3.193	17.304	8626322	43.258	1200	ug/ml