

Report of Analysis

Client:	PSEG	Date Collected:	11/10/25
Project:	Central ROW Foundation Repairs	Date Received:	11/10/25
Client Sample ID:	CENTRAL-ROW-CONCRETE	SDG No.:	Q3600
Lab Sample ID:	Q3600-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.4
Sample Wt/Vol:	30.08 g	Test:	EPH_NF
Prep Method :	Final Vol: 2000 uL Prep Date : 11/12/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	16.2		1	1.38	2.34	mg/kg	FE056818.D	11/13/25 14:29	PB170503
Aliphatic C9-C28	Aliphatic C9-C28	4.87		1	1.06	4.68	mg/kg	FE056818.D	11/13/25 14:29	PB170503
Total AliphaticEPH	Total AliphaticEPH	21.1			2.44	7.02	mg/kg			
Total EPH	Total EPH	21.1			2.44	7.02	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	4.87	1		1.06	4.68	mg/kg	11/13/25	PB170503
Aliphatic C28-C40	Aliphatic C28-C40	16.2	1		1.38	2.34	mg/kg	11/13/25	PB170503
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	31.3			40 - 140	63%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	35.2			40 - 140	70%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3600-01	Acq On:	13 Nov 2025 14:29
Client Sample ID:	CENTRAL-ROW-CONCR	Operator:	YP\AJ
Data file:	FE056818.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.836	412329	2.409	300	ug/ml
Aliphatic C12-C16	6.837	10.282	757163	4.236	200	ug/ml
Aliphatic C16-C21	10.283	13.654	8223810	44.094	300	ug/ml
Aliphatic C21-C28	13.655	17.323	2287637	11.867	400	ug/ml
Aliphatic C28-C40	17.324	22.256	33084418	207.667	600	ug/ml
Aliphatic EPH	3.214	22.256	44765357	270.274		ug/ml
ortho-Terphenyl (SURR)	11.952	11.952	7345526	35.16		ug/ml
1-chlorooctadecane (SURR)	13.389	13.389	5042567	31.3		ug/ml
Aliphatic C9-C28	3.214	17.323	11680939	62.606	1200	ug/ml