

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	9th Ave Pole Yard	Date Received:	
Client Sample ID:	PB170039BSD	SDG No.:	Q3313
Lab Sample ID:	PB170039BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/09/25 09:55	10/09/25 20:55	PB170039

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	25.7		1	1.18	2.00	mg/kg	FE056283.D
Aliphatic C9-C28	Aliphatic C9-C28	73.7		1	0.91	4.00	mg/kg	FE056283.D
Total AliphaticEPH	Total AliphaticEPH	99.4			2.09	6.00	mg/kg	
Total EPH	Total EPH	99.4			2.09	6.00	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 Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056283.D	1	10/09/25	10/09/25	PB170039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	73.7		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.3		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB170039BSD	Acq On:	09 Oct 2025 20:55
Client Sample ID:	PB170039BSD	Operator:	YP\AJ
Data file:	FE056283.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	26024574	185.853	300	ug/ml
Aliphatic C12-C16	6.939	10.388	40348930	263.071	200	ug/ml
Aliphatic C16-C21	10.389	13.765	46120279	278.034	300	ug/ml
Aliphatic C21-C28	13.766	17.434	56453970	380.092	400	ug/ml
Aliphatic C28-C40	17.435	22.434	52444488	384.908	600	ug/ml
Aliphatic EPH	3.305	22.434	221392241	1490		ug/ml
ortho-Terphenyl (SURR)	12.063	12.063	5892694	31.4		ug/ml
1-chlorooctadecane (SURR)	13.498	13.498	4650147	33.32		ug/ml
Aliphatic C9-C28	3.305	17.434	168947753	1110	1200	ug/ml