

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	Secaucus HQ	Date Received:	09/24/25
Client Sample ID:	RB22120	SDG No.:	Q3188
Lab Sample ID:	Q3188-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 10:00	09/25/25 17:47	PB169828

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.31		1	1.28	2.17	mg/kg	FE056000.D
Aliphatic C9-C28	Aliphatic C9-C28	2.59	J	1	0.99	4.32	mg/kg	FE056000.D
Total AliphaticEPH	Total AliphaticEPH	8.90			2.27	6.49	mg/kg	
Total EPH	Total EPH	8.90			2.27	6.49	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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FE056000.D	1	09/25/25	09/25/25	PB169828

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SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.4		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.4		40 - 140	53%	SPK: 50