

Report of Analysis

Client:	PSEG	Date Collected:	04/16/25
Project:	Secaucus HQ	Date Received:	04/16/25
Client Sample ID:	RT-3873	SDG No.:	Q1818
Lab Sample ID:	Q1818-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
04/17/25 11:10	04/17/25 16:55	PB167630

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	7.43		1	1.32	2.24	mg/kg FG015692.D
Aliphatic C9-C28	Aliphatic C9-C28	10.3		1	1.02	4.48	mg/kg FG015692.D
Total AliphaticEPH	Total AliphaticEPH	17.7			2.34	6.72	mg/kg
Total EPH	Total EPH	17.7			2.34	6.72	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

Report of Analysis

Client:	PSEG	Date Collected:	04/16/25
Project:	Secaucus HQ	Date Received:	04/16/25
Client Sample ID:	RT-3873	SDG No.:	Q1818
Lab Sample ID:	Q1818-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015692.D	1	04/17/25	04/17/25	PB167630

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.3		1.02	4.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.43		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	54.1		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.1		40 - 140	100%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1818-03	Acq On:	17 Apr 2025 16:55
Client Sample ID:	RT-3873	Operator:	YP\AJ
Data file:	FG015692.D	Misc:	
Instrument:	FID_G	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.150	6.789	434508	3.854	300	ug/ml
Aliphatic C12-C16	6.790	10.238	3622419	31.378	200	ug/ml
Aliphatic C16-C21	10.239	13.614	5369109	45.132	300	ug/ml
Aliphatic C21-C28	13.615	17.285	6458883	57.112	400	ug/ml
Aliphatic C28-C40	17.286	22.195	9818687	99.523	600	ug/ml
Aliphatic EPH	3.150	22.195	25703606	236.999		ug/ml
ortho-Terphenyl (SURR)	11.905	11.905	7260721	50.08		ug/ml
1-chlorooctadecane (SURR)	13.349	13.349	5721422	54.1		ug/ml
Aliphatic C9-C28	3.150	17.285	15884919	137.476	1200	ug/ml