

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	Secaucus HQ	Date Received:	09/24/25
Client Sample ID:	4135DL2	SDG No.:	Q3188
Lab Sample ID:	Q3188-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	5.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056024.D	200	09/25/25	09/26/25	PB169828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	43600		1070	4720	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15500		1390	2360	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3188-01DL2	Acq On:	26 Sep 2025 10:37
Client Sample ID:	Q3188-01DL2	Operator:	YP\AJ
Data file:	FE056024.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.939	1679027	11.991	300	ug/ml
Aliphatic C12-C16	6.940	10.390	9713293	63.33	200	ug/ml
Aliphatic C16-C21	10.391	13.769	15006484	90.466	300	ug/ml
Aliphatic C21-C28	13.770	17.440	57575535	387.643	400	ug/ml
Aliphatic C28-C40	17.441	22.446	26858686	197.125	600	ug/ml
Aliphatic EPH	3.303	22.446	110833025	750.555		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.303	17.440	83974339	553.43	1200	ug/ml