

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	Secaucus HQ	Date Received:	09/24/25
Client Sample ID:	4135DL	SDG No.:	Q3188
Lab Sample ID:	Q3188-01DL	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
FE056023.D	100	09/25/25	09/26/25	PB169828

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	43300		537	2360	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15500		696	1180	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:	Q3188-01DL	Acq On:	26 Sep 2025 10:07
Client Sample ID:	Q3188-01DL	Operator:	YP\AJ
Data file:	FE056023.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.939	3151494	22.506	300	ug/ml
Aliphatic C12-C16	6.940	10.390	18028672	117.545	200	ug/ml
Aliphatic C16-C21	10.391	13.769	29027814	174.993	300	ug/ml
Aliphatic C21-C28	13.770	17.440	116685952	785.62	400	ug/ml
Aliphatic C28-C40	17.441	22.446	53532276	392.892	600	ug/ml
Aliphatic EPH	3.303	22.446	220426208	1490		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	166893932	1100	1200	ug/ml