

Report of Analysis

Client:	PSEG	Date Collected:	04/21/25
Project:	Moorestown	Date Received:	04/21/25
Client Sample ID:	PAD-42125DL2	SDG No.:	Q1847
Lab Sample ID:	Q1847-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.7
Sample Wt/Vol:	30.07 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
FE053494.D	100	04/22/25	04/23/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6010		95.0	416	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	202	J	123	208	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:	Q1847-03DL2	Acq On:	23 Apr 2025 08:42
Client Sample ID:	Q1847-03DL2	Operator:	YP\AJ
Data file:	FE053494.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.120	6.760	446635	3.223	300	ug/ml
Aliphatic C12-C16	6.761	10.209	2487241	17.54	200	ug/ml
Aliphatic C16-C21	10.210	13.585	78355601	539.031	300	ug/ml
Aliphatic C21-C28	13.586	17.252	43917384	308.897	400	ug/ml
Aliphatic C28-C40	17.253	22.138	3758891	29.128	600	ug/ml
Aliphatic EPH	3.120	22.138	128965752	897.819		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	3.120	17.252	125206861	868.691	1200	ug/ml