

Report of Analysis

Client:	PSEG	Date Collected:	07/21/25
Project:	Moorestown HQ	Date Received:	07/21/25
Client Sample ID:	PAD-072125-1DL	SDG No.:	Q2658
Lab Sample ID:	Q2658-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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
FE054979.D	10	07/22/25	07/23/25	PB168949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4840	E	9.10	39.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	142		11.8	20.0	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:	Q2658-01DL	Acq On:	23 Jul 2025 09:50
Client Sample ID:	Q2658-01DL	Operator:	YP\AJ
Data file:	FE054979.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.958	369842	2.718	300	ug/ml
Aliphatic C12-C16	6.959	10.410	74972096	533.351	200	ug/ml
Aliphatic C16-C21	10.411	13.488	678456236	4700	300	ug/ml
Aliphatic C21-C28	13.489	17.459	294887614	2040	400	ug/ml
Aliphatic C28-C40	17.460	22.481	29684755	214.102	600	ug/ml
Aliphatic EPH	3.325	22.481	1078370543	7490		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	3.325	17.459	1048685788	7270	1200	ug/ml