

Report of Analysis

Client:	PSEG	Date Collected:	07/21/25
Project:	Moorestown HQ	Date Received:	07/21/25
Client Sample ID:	PAD-072125-2DL	SDG No.:	Q2658
Lab Sample ID:	Q2658-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.06 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
FE054981.D	2	07/22/25	07/23/25	PB168949

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	103		1.82	7.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.1		2.36	3.99	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.6		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	18.1		40 - 140	72%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2658-02DL	Acq On:	23 Jul 2025 10:50
Client Sample ID:	Q2658-02DL	Operator:	YP\AJ
Data file:	FE054981.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.958	316017	2.323	300	ug/ml
Aliphatic C12-C16	6.959	10.410	2898972	20.623	200	ug/ml
Aliphatic C16-C21	10.411	13.488	61639834	426.887	300	ug/ml
Aliphatic C21-C28	13.489	17.459	47151962	325.969	400	ug/ml
Aliphatic C28-C40	17.460	22.481	10502734	75.751	600	ug/ml
Aliphatic EPH	3.325	22.481	122509519	851.554		ug/ml
ortho-Terphenyl (SURR)	12.087	12.087	2935967	18.08		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	2348536	18.6		ug/ml
Aliphatic C9-C28	3.325	17.459	112006785	775.802	1200	ug/ml