

Report of Analysis

Client:	PSEG	Date Collected:	08/28/25
Project:	Moorestown HQ	Date Received:	08/28/25
Client Sample ID:	MOO-25-0237DL	SDG No.:	Q2982
Lab Sample ID:	Q2982-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	5.07 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
FG016514.D	50	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	210000	E	268	1180	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4980		349	591	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:	Q2982-01DL	Acq On:	03 Sep 2025 09:55
Client Sample ID:	Q2982-01DL	Operator:	YP\AJ
Data file:	FG016514.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.289	6.932	202266	1.763	300	ug/ml
Aliphatic C12-C16	6.933	10.391	50159803	427.352	200	ug/ml
Aliphatic C16-C21	10.392	13.782	667818233	5680	300	ug/ml
Aliphatic C21-C28	13.783	17.468	509106314	4550	400	ug/ml
Aliphatic C28-C40	17.469	22.510	22925530	252.249	600	ug/ml
Aliphatic EPH	3.289	22.510	1250212146	10900		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	3.289	17.468	1227286616	10700	1200	ug/ml