

Report of Analysis

Client:	PSEG	Date Collected:	08/28/25
Project:	Moorestown HQ	Date Received:	08/28/25
Client Sample ID:	MOO-25-0237DL2	SDG No.:	Q2982
Lab Sample ID:	Q2982-01DL2	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
FG016515.D	1000	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	214000		5380	23700	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11800	U	6980	11800	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:	Q2982-01DL2	Acq On:	03 Sep 2025 10:24
Client Sample ID:	Q2982-01DL2	Operator:	YP\AJ
Data file:	FG016515.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1000	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.289	6.932	145517	1.268	300	ug/ml
Aliphatic C12-C16	6.933	10.391	2313210	19.708	200	ug/ml
Aliphatic C16-C21	10.392	13.782	31757623	270.337	300	ug/ml
Aliphatic C21-C28	13.783	17.468	28105248	251.415	400	ug/ml
Aliphatic C28-C40	17.469	22.510	1040213	11.445	600	ug/ml
Aliphatic EPH	3.289	22.510	63361811	554.174		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	62321598	542.728	1200	ug/ml