284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG			Date Collected:	
Project:	Moorestown HQ			Date Received:	
Client Sample ID:	PB169970BL			SDG No.:	Q3262
Lab Sample ID:	PB169970BL			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 :					

Prep Date :	Date Analyzed :	Prep Batch ID
10/03/25 09:40	10/03/25 14:15	PB169970

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.00	U	1	1.18	2.00	mg/kg	FE056164.D
Aliphatic C9-C28	Aliphatic C9-C28	3.99	U	1	0.91	3.99	mg/kg	FE056164.D
Total AliphaticEPH	Total AliphaticEPH	5.99	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	5.99	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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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 :					

Prep Date :	Date Analyzed :	Prep Batch ID
10/03/25 08:00	10/03/25 14:15	PB169970

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE056164.D
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FE056164.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	5.99	mg/kg	
Total EPH	Total EPH	2.09	U		2.09	5.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Report of Analysis

Client:	PSEG		Date Collected:		
Project:	Moorestown HQ		Date Received:		
Client Sample ID:	PB169970BL		SDG No.:	Q3262	
Lab Sample ID:	PB169970BL		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
FE056164.D	1	10/03/25	10/03/25	PB169970

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.000	U	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		1.18	U	1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		41.5		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		40.8		40 - 140	82%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169970BL	Acq On:	03 Oct 2025 14:15
Client Sample ID:	PB169970BL	Operator:	YP\AJ
Data file:	FE056164.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.944	0	0	300	ug/ml
Aliphatic C12-C16	6.945	10.393	0	0	200	ug/ml
Aliphatic C16-C21	10.394	13.770	0	0	300	ug/ml
Aliphatic C21-C28	13.771	17.439	0	0	400	ug/ml
Aliphatic C28-C40	17.440	22.443	0	0	600	ug/ml
Aliphatic EPH	3.311	22.443	0	0		ug/ml
ortho-Terphenyl (SURR)	12.070	12.070	7647792	40.76		ug/ml
1-chlorooctadecane (SURR)	13.507	13.507	5791001	41.49		ug/ml
Aliphatic C9-C28	3.311	17.439	0	0	1200	ug/ml