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

Report of Analysis

Client:	PSEG		Date Collected:	09/18/25	
Project:	Moorestown HQ		Date Received:	09/18/25	
Client Sample ID:	PAD-091825-A		SDG No.:	Q3138	
Lab Sample ID:	Q3138-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/19/25 08:55	09/19/25 17:26	PB169750

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1	1.18	2.00	mg/kg	FE055905.D
Aliphatic C9-C28	Aliphatic C9-C28	45.5		1	0.91	3.99	mg/kg	FE055905.D
Total AliphaticEPH	Total AliphaticEPH	65.9			2.09	5.99	mg/kg	
Total EPH	Total EPH	65.9			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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Client Sample ID:	PAD-091825-A		SDG No.:	Q3138	
Lab Sample ID:	Q3138-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.07	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
FE055905.D	1	09/19/25	09/19/25	PB169750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	45.5		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	60.6		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	59.1		40 - 140	118%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3138-01	Acq On:	19 Sep 2025 17:26
Client Sample ID:	PAD-091825-A	Operator:	YP\AJ
Data file:	FE055905.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.947	458068	3.567	300	ug/ml
Aliphatic C12-C16	6.948	10.401	2366884	17.52	200	ug/ml
Aliphatic C16-C21	10.402	13.781	44985218	311.927	300	ug/ml
Aliphatic C21-C28	13.782	17.454	50343418	351.472	400	ug/ml
Aliphatic C28-C40	17.455	22.471	42235633	306.678	600	ug/ml
Aliphatic EPH	3.311	22.471	140389221	991.165		ug/ml
ortho-Terphenyl (SURR)	12.080	12.080	9704612	59.07		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	7572458	60.56		ug/ml
Aliphatic C9-C28	3.311	17.454	98153588	684.486	1200	ug/ml