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

Report of Analysis

Client:	PSEG	Date Collected:	06/11/25
Project:	PSEG Nokia H2	Date Received:	06/12/25
Client Sample ID:	TP03-MH2MH3-EPH	SDG No.:	Q2311
Lab Sample ID:	Q2311-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/16/25 08:50	06/16/25 16:47	PB168485

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.04		1	1.31	2.23	mg/kg	FE054408.D
Aliphatic C9-C28	Aliphatic C9-C28	3.62	J	1	1.01	4.45	mg/kg	FE054408.D
Total AliphaticEPH	Total AliphaticEPH	7.66			2.33	6.68	mg/kg	
Total EPH	Total EPH	7.66			2.33	6.68	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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Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054408.D	1	06/16/25	06/16/25	PB168485

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.62	J	1.01	4.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		4.04		1.31	2.23	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		45.0		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		43.9		40 - 140	88%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2311-03	Acq On:	16 Jun 2025 16:47
Client Sample ID:	TP03-MH2MH3-EPH	Operator:	YP\AJ
Data file:	FE054408.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.075	6.719	1585435	12.658	300	ug/ml
Aliphatic C12-C16	6.720	10.165	1248052	9.516	200	ug/ml
Aliphatic C16-C21	10.166	13.538	1537712	11.482	300	ug/ml
Aliphatic C21-C28	13.539	17.207	1910164	15.033	400	ug/ml
Aliphatic C28-C40	17.208	22.075	6975809	54.394	600	ug/ml
Aliphatic EPH	3.075	22.075	13257172	103.082		ug/ml
ortho-Terphenyl (SURR)	11.827	11.827	7255826	43.91		ug/ml
1-chlorooctadecane (SURR)	13.271	13.271	5492164	45.04		ug/ml
Aliphatic C9-C28	3.075	17.207	6281363	48.689	1200	ug/ml