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

Report of Analysis

Client:	PSEG			Date Collected:	06/10/25
Project:	PSEG Nokia H2			Date Received:	06/11/25
Client Sample ID:	TP01-MH1-WC			SDG No.:	Q2295
Lab Sample ID:	Q2295-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	87.9
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/12/25 08:55	06/12/25 22:14	PB168438

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.31		1	1.34	2.27	mg/kg	FE054352.D
Aliphatic C9-C28	Aliphatic C9-C28	2.64	J	1	1.03	4.55	mg/kg	FE054352.D
Total AliphaticEPH	Total AliphaticEPH	5.95	J		2.37	6.82	mg/kg	
Total EPH	Total EPH	5.95	J		2.37	6.82	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
FE054352.D	1	06/12/25	06/12/25	PB168438

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.64	J	1.03	4.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.31		1.34	2.27	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.8		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		39.5		40 - 140	79%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2295-01	Acq On:	12 Jun 2025 22:14
Client Sample ID:	TP01-MH1-WC	Operator:	YP\AJ
Data file:	FE054352.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.077	6.722	1565606	12.499	300	ug/ml
Aliphatic C12-C16	6.723	10.169	862214	6.574	200	ug/ml
Aliphatic C16-C21	10.170	13.542	728476	5.439	300	ug/ml
Aliphatic C21-C28	13.543	17.208	1309518	10.306	400	ug/ml
Aliphatic C28-C40	17.209	22.074	5605653	43.71	600	ug/ml
Aliphatic EPH	3.077	22.074	10071467	78.529		ug/ml
ortho-Terphenyl (SURR)	11.826	11.826	6520171	39.46		ug/ml
1-chlorooctadecane (SURR)	13.270	13.270	5215203	42.77		ug/ml
Aliphatic C9-C28	3.077	17.208	4465814	34.818	1200	ug/ml