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

Report of Analysis

Client:	PSEG			Date Collected:	10/08/25
Project:	Clifton HQ			Date Received:	10/08/25
Client Sample ID:	VNJ-207-E2			SDG No.:	Q3318
Lab Sample ID:	Q3318-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	93.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
10/09/25 09:55	10/09/25 16:23	PB170039

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.22		1	1.26	2.13	mg/kg	FE056276.D
Aliphatic C9-C28	Aliphatic C9-C28	3.48	J	1	0.97	4.27	mg/kg	FE056276.D
Total AliphaticEPH	Total AliphaticEPH	9.70			2.23	6.40	mg/kg	
Total EPH	Total EPH	9.70			2.23	6.40	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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Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056276.D	1	10/09/25	10/09/25	PB170039

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.48	J	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.22		1.26	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.4		40 - 140	61%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3318-02	Acq On:	09 Oct 2025 16:23
Client Sample ID:	VNJ-207-E2	Operator:	YP\AJ
Data file:	FE056276.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	367067	2.621	300	ug/ml
Aliphatic C12-C16	6.939	10.388	904248	5.896	200	ug/ml
Aliphatic C16-C21	10.389	13.765	5281647	31.84	300	ug/ml
Aliphatic C21-C28	13.766	17.434	1282111	8.632	400	ug/ml
Aliphatic C28-C40	17.435	22.434	11933770	87.586	600	ug/ml
Aliphatic EPH	3.305	22.434	19768843	136.575		ug/ml
ortho-Terphenyl (SURR)	12.062	12.062	5702109	30.39		ug/ml
1-chlorooctadecane (SURR)	13.499	13.499	4408398	31.59		ug/ml
Aliphatic C9-C28	3.305	17.434	7835073	48.989	1200	ug/ml