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

Report of Analysis

Client:	PSEG		Date Collected:	08/13/25	
Project:	Clifton HQ		Date Received:	08/13/25	
Client Sample ID:	VNJ 216-EPH-2		SDG No.:	Q2858	
Lab Sample ID:	Q2858-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	94.3	
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
08/14/25 09:50	08/14/25 20:51	PB169246

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1	1.25	2.12	mg/kg	FC069664.D
Aliphatic C9-C28	Aliphatic C9-C28	24.4		1	0.96	4.24	mg/kg	FC069664.D
Total AliphaticEPH	Total AliphaticEPH	36.6			2.21	6.36	mg/kg	
Total EPH	Total EPH	36.6			2.21	6.36	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
FC069664.D	1	08/14/25	08/14/25	PB169246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	24.4		0.96	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.4		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.1		40 - 140	50%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2858-02	Acq On:	14 Aug 2025 20:51
Client Sample ID:	VNJ 216-EPH-2	Operator:	YP/AJ
Data file:	FC069664.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.293	6.592	402245	2.78	300	ug/ml
Aliphatic C12-C16	6.593	9.995	2241828	15.63	200	ug/ml
Aliphatic C16-C21	9.996	13.364	15778784	118.139	300	ug/ml
Aliphatic C21-C28	13.365	17.031	24816992	209.766	400	ug/ml
Aliphatic C28-C40	17.032	22.004	16445548	172.539	600	ug/ml
Aliphatic EPH	3.293	22.004	59685397	518.854		ug/ml
ortho-Terphenyl (SURR)	11.662	11.662	3741210	25.08		ug/ml
1-chlorooctadecane (SURR)	13.099	13.099	3751975	34.41		ug/ml
Aliphatic C9-C28	3.293	17.031	43239849	346.315	1200	ug/ml