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

Report of Analysis

Client:	PSEG			Date Collected:	09/10/25
Project:	9th Ave Pole Yard			Date Received:	09/10/25
Client Sample ID:	VNJ-204			SDG No.:	Q3065
Lab Sample ID:	Q3065-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	83.5
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/11/25 10:00	09/11/25 15:39	PB169650

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	28.7		1	1.41	2.39	mg/kg	FE055770.D
Aliphatic C9-C28	Aliphatic C9-C28	13.3		1	1.09	4.80	mg/kg	FE055770.D
Total AliphaticEPH	Total AliphaticEPH	42.0			2.50	7.19	mg/kg	
Total EPH	Total EPH	42.0			2.50	7.19	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
FE055770.D	1	09/11/25	09/11/25	PB169650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.3		1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.7		1.41	2.39	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.5		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.3		40 - 140	65%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3065-01	Acq On:	11 Sep 2025 15:39
Client Sample ID:	VNJ-204	Operator:	YP\AJ
Data file:	FE055770.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.946	824792	6.423	300	ug/ml
Aliphatic C12-C16	6.947	10.398	2286112	16.922	200	ug/ml
Aliphatic C16-C21	10.399	13.776	11841440	82.108	300	ug/ml
Aliphatic C21-C28	13.777	17.448	8853523	61.811	400	ug/ml
Aliphatic C28-C40	17.449	22.459	49503424	359.451	600	ug/ml
Aliphatic EPH	3.313	22.459	73309291	526.716		ug/ml
ortho-Terphenyl (SURR)	12.079	12.079	5301445	32.27		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	4065233	32.51		ug/ml
Aliphatic C9-C28	3.313	17.448	23805867	167.264	1200	ug/ml