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-E2			SDG No.:	Q3065
Lab Sample ID:	Q3065-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	84.7
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
09/11/25 10:00	09/11/25 16:10	PB169650

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	37.4		1	1.39	2.35	mg/kg	FE055771.D
Aliphatic C9-C28	Aliphatic C9-C28	9.05		1	1.07	4.71	mg/kg	FE055771.D
Total AliphaticEPH	Total AliphaticEPH	46.4			2.46	7.07	mg/kg	
Total EPH	Total EPH	46.4			2.46	7.07	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
FE055771.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	9.05		1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	37.4		1.39	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.3		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3065-02	Acq On:	11 Sep 2025 16:10
Client Sample ID:	VNJ-204-E2	Operator:	YP\AJ
Data file:	FE055771.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	3.313	6.946	602811	4.695	300	ug/ml
Aliphatic C12-C16	6.947	10.398	1234699	9.139	200	ug/ml
Aliphatic C16-C21	10.399	13.776	4879339	33.833	300	ug/ml
Aliphatic C21-C28	13.777	17.448	9679257	67.576	400	ug/ml
Aliphatic C28-C40	17.449	22.459	65597239	476.31	600	ug/ml
Aliphatic EPH	3.313	22.459	81993345	591.553		ug/ml
ortho-Terphenyl (SURR)	12.075	12.075	5791496	35.25		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	4439099	35.5		ug/ml
Aliphatic C9-C28	3.313	17.448	16396106	115.243	1200	ug/ml