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:	9th Ave Pole Yard			Date Received:	10/08/25
Client Sample ID:	ETGI-360-E2			SDG No.:	Q3313
Lab Sample ID:	Q3313-02			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.8
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
10/09/25 09:55	10/09/25 15:23	PB170039

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	8.24		1	1.36	2.30	mg/kg	FE056274.D
Aliphatic C9-C28	Aliphatic C9-C28	4.21	J	1	1.04	4.60	mg/kg	FE056274.D
Total AliphaticEPH	Total AliphaticEPH	12.4			2.40	6.90	mg/kg	
Total EPH	Total EPH	12.4			2.40	6.90	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
FE056274.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		4.21	J	1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		8.24		1.36	2.30	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		29.6		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		27.7		40 - 140	55%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3313-02	Acq On:	09 Oct 2025 15:23
Client Sample ID:	ETGI-360-E2	Operator:	YP\AJ
Data file:	FE056274.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	418953	2.992	300	ug/ml
Aliphatic C12-C16	6.939	10.388	1117738	7.288	200	ug/ml
Aliphatic C16-C21	10.389	13.765	2511386	15.14	300	ug/ml
Aliphatic C21-C28	13.766	17.434	4378078	29.477	400	ug/ml
Aliphatic C28-C40	17.435	22.434	14651523	107.533	600	ug/ml
Aliphatic EPH	3.305	22.434	23077678	162.428		ug/ml
ortho-Terphenyl (SURR)	12.062	12.062	5204201	27.73		ug/ml
1-chlorooctadecane (SURR)	13.498	13.498	4133791	29.62		ug/ml
Aliphatic C9-C28	3.305	17.434	8426155	54.897	1200	ug/ml