

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	9th Ave Pole Yard	Date Received:	
Client Sample ID:	ETGI-360MS	SDG No.:	Q3313
Lab Sample ID:	Q3313-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
10/09/25 09:55	10/09/25 22:26	PB170039

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	217			2.48	7.14	mg/kg
Total EPH	Total EPH	217			2.48	7.14	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 :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056286.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	163	E	1.08	4.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.4	E	1.40	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.0		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3313-01MS	Acq On:	09 Oct 2025 22:26
Client Sample ID:	Q3313-01MS	Operator:	YP\AJ
Data file:	FE056286.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	35174321	251.195	300	ug/ml
Aliphatic C12-C16	6.939	10.388	77031056	502.235	200	ug/ml
Aliphatic C16-C21	10.389	13.765	91241054	550.043	300	ug/ml
Aliphatic C21-C28	13.766	17.434	112447657	757.085	400	ug/ml
Aliphatic C28-C40	17.435	22.434	91863665	674.219	600	ug/ml
Aliphatic EPH	3.305	22.434	407757753	2730		ug/ml
ortho-Terphenyl (SURR)	12.061	12.061	5066122	27		ug/ml
1-chlorooctadecane (SURR)	13.497	13.497	4408193	31.59		ug/ml
Aliphatic C9-C28	3.305	17.434	315894088	2060	1200	ug/ml