

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	SDG No.:	Q3313
Lab Sample ID:	Q3313-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.04	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 21:25	PB170039

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	10.1		1	1.40	2.38	mg/kg FE056284.D
Aliphatic C9-C28	Aliphatic C9-C28	5.29		1	1.08	4.76	mg/kg FE056284.D
Total AliphaticEPH	Total AliphaticEPH	15.4			2.48	7.14	mg/kg
Total EPH	Total EPH	15.4			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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Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056284.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	5.29		1.08	4.76	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.1		1.40	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.2		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.2		40 - 140	48%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3313-01	Acq On:	09 Oct 2025 21:25
Client Sample ID:	ETGI-360	Operator:	YP\AJ
Data file:	FE056284.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	362405	2.588	300	ug/ml
Aliphatic C12-C16	6.939	10.388	1184086	7.72	200	ug/ml
Aliphatic C16-C21	10.389	13.765	3177184	19.154	300	ug/ml
Aliphatic C21-C28	13.766	17.434	5525500	37.202	400	ug/ml
Aliphatic C28-C40	17.435	22.434	17341541	127.276	600	ug/ml
Aliphatic EPH	3.305	22.434	27590716	193.939		ug/ml
ortho-Terphenyl (SURR)	12.061	12.061	4546868	24.23		ug/ml
1-chlorooctadecane (SURR)	13.498	13.498	3654525	26.19		ug/ml
Aliphatic C9-C28	3.305	17.434	10249175	66.664	1200	ug/ml