

Report of Analysis

Client:	PSEG	Date Collected:	10/08/25
Project:	Clifton HQ	Date Received:	10/08/25
Client Sample ID:	VNJ-207	SDG No.:	Q3318
Lab Sample ID:	Q3318-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.03	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 15:53	PB170039

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	7.16		1	1.25	2.12	mg/kg	FE056275.D
Aliphatic C9-C28	Aliphatic C9-C28	4.07	J	1	0.97	4.25	mg/kg	FE056275.D
Total AliphaticEPH	Total AliphaticEPH	11.2			2.22	6.37	mg/kg	
Total EPH	Total EPH	11.2			2.22	6.37	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

Report of Analysis

Client:	PSEG	Date Collected:	10/08/25
Project:	Clifton HQ	Date Received:	10/08/25
Client Sample ID:	VNJ-207	SDG No.:	Q3318
Lab Sample ID:	Q3318-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056275.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	4.07	J	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.16		1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.4		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.3		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3318-01	Acq On:	09 Oct 2025 15:53
Client Sample ID:	VNJ-207	Operator:	YP\AJ
Data file:	FE056275.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	416311	2.973	300	ug/ml
Aliphatic C12-C16	6.939	10.388	1244740	8.116	200	ug/ml
Aliphatic C16-C21	10.389	13.765	2772194	16.712	300	ug/ml
Aliphatic C21-C28	13.766	17.434	4418699	29.75	400	ug/ml
Aliphatic C28-C40	17.435	22.434	13783269	101.16	600	ug/ml
Aliphatic EPH	3.305	22.434	22635213	158.711		ug/ml
ortho-Terphenyl (SURR)	12.062	12.062	5314970	28.32		ug/ml
1-chlorooctadecane (SURR)	13.498	13.498	4247820	30.44		ug/ml
Aliphatic C9-C28	3.305	17.434	8851944	57.551	1200	ug/ml