284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG		Date Collected:	05/14/25	
Project:	Clifton HQ		Date Received:	05/14/25	
Client Sample ID:	281		SDG No.:	Q2043	
Lab Sample ID:	Q2043-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 09:30	05/16/25 9:10	PB168018

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	285		10	14.9	25.3	mg/kg	FE053867.D
Aliphatic C9-C28	Aliphatic C9-C28	9610		200	229	1010	mg/kg	FE053868.D
Total AliphaticEPH	Total AliphaticEPH	9900			244	1030	mg/kg	
Total EPH	Total EPH	9900			244	1030	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG		Date Collected:	05/14/25	
Project:	Clifton HQ		Date Received:	05/14/25	
Client Sample ID:	281		SDG No.:	Q2043	
Lab Sample ID:	Q2043-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79	
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
FE053858.D	1	05/15/25	05/15/25	PB168018

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	9720	E	1.15	5.05	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	246	E	1.49	2.53	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2043-01	Acq On:	15 May 2025 21:43
Client Sample ID:	281	Operator:	YP\AJ
Data file:	FE053858.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	3.101	6.743	13856440	102.214	300	ug/ml
Aliphatic C12-C16	6.744	10.192	1561491223	11600	200	ug/ml
Aliphatic C16-C21	10.193	13.567	9374627024	71100	300	ug/ml
Aliphatic C21-C28	13.568	17.235	4055651632	32700	400	ug/ml
Aliphatic C28-C40	17.236	22.117	337817708	2930	600	ug/ml
Aliphatic EPH	3.101	22.117	15343444027	118000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.101	17.235	15005626319	115000	1200	ug/ml