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:	Hackensack Sub HQ	Date Received:	10/08/25
Client Sample ID:	314	SDG No.:	Q3315
Lab Sample ID:	Q3315-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.4
Sample Wt/Vol:	30.03 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	10/10/25 10:06	PB170039

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	5910		200	249	423	mg/kg	FE056296.D
Aliphatic C9-C28	Aliphatic C9-C28	11000		200	192	845	mg/kg	FE056296.D
Total AliphaticEPH	Total AliphaticEPH	17000			441	1270	mg/kg	
Total EPH	Total EPH	17000			441	1270	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:	10/08/25
Project:	Hackensack Sub HQ	Date Received:	10/08/25
Client Sample ID:	314	SDG No.:	Q3315
Lab Sample ID:	Q3315-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.4
Sample Wt/Vol:	30.03 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
FE056293.D	10	10/09/25	10/10/25	PB170039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10100	E	9.63	42.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5450	E	12.5	21.2	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	11.7		40 - 140	235%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.56		40 - 140	131%	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:	Q3315-01	Acq On:	10 Oct 2025 08:36
Client Sample ID:	314	Operator:	YP\AJ
Data file:	FE056293.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.937	1620112	11.57	300	ug/ml
Aliphatic C12-C16	6.938	10.386	91081242	593.841	200	ug/ml
Aliphatic C16-C21	10.387	13.763	544151191	3280	300	ug/ml
Aliphatic C21-C28	13.764	17.432	1555588588	10500	400	ug/ml
Aliphatic C28-C40	17.433	22.430	1052036187	7720	600	ug/ml
Aliphatic EPH	3.305	22.430	3244477320	22100		ug/ml
ortho-Terphenyl (SURR)	12.064	12.064	1230860	6.56		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	1638406	11.74		ug/ml
Aliphatic C9-C28	3.305	17.432	2192441133	14400	1200	ug/ml