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

Report of Analysis

Client:	PSEG	Date Collected:	07/08/25
Project:	PSEG Bergen Point	Date Received:	07/08/25
Client Sample ID:	TP-15 EPH	SDG No.:	Q2519
Lab Sample ID:	Q2519-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/09/25 09:30	07/09/25 15:52	PB168768

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.04		1	1.38	2.33	mg/kg	FE054759.D
Aliphatic C9-C28	Aliphatic C9-C28	2.27	J	1	1.06	4.68	mg/kg	FE054759.D
Total AliphaticEPH	Total AliphaticEPH	8.31			2.44	7.01	mg/kg	
Total EPH	Total EPH	8.31			2.44	7.01	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:	07/08/25	
Project:	PSEG Bergen Point		Date Received:	07/08/25	
Client Sample ID:	TP-15 EPH		SDG No.:	Q2519	
Lab Sample ID:	Q2519-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.7	
Sample Wt/Vol:	30.01	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
FE054759.D	1	07/09/25	07/09/25	PB168768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2.27	J	1.06	4.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.04		1.38	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.2		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.1		40 - 140	98%	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:	Q2519-02	Acq On:	09 Jul 2025 15:52
Client Sample ID:	TP-15 EPH	Operator:	YP\AJ
Data file:	FE054759.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	3.321	6.954	437153	3.213	300	ug/ml
Aliphatic C12-C16	6.955	10.406	951185	6.767	200	ug/ml
Aliphatic C16-C21	10.407	13.784	1164428	8.064	300	ug/ml
Aliphatic C21-C28	13.785	17.454	1618173	11.187	400	ug/ml
Aliphatic C28-C40	17.455	22.477	10770343	77.681	600	ug/ml
Aliphatic EPH	3.321	22.477	14941282	106.912		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	7981981	49.15		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	6341422	50.21		ug/ml
Aliphatic C9-C28	3.321	17.454	4170939	29.231	1200	ug/ml