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

Report of Analysis

Client:	PSEG	Date Collected:	07/07/25
Project:	PSEG Bergen Point	Date Received:	07/07/25
Client Sample ID:	TP-14	SDG No.:	Q2517
Lab Sample ID:	Q2517-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.8
Sample Wt/Vol:	30.09 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 17:27	PB168768

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.98		1	1.34	2.27	mg/kg	FC069404.D
Aliphatic C9-C28	Aliphatic C9-C28	3.91	J	1	1.03	4.55	mg/kg	FC069404.D
Total AliphaticEPH	Total AliphaticEPH	8.89			2.37	6.82	mg/kg	
Total EPH	Total EPH	8.89			2.37	6.82	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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07/09/25 09:30	07/09/25 17:27	PB168768

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Lab Sample ID:	Q2517-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.8
Sample Wt/Vol:	30.09 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
FC069404.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		3.91	J	1.03	4.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		4.98		1.34	2.27	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		34.4		40 - 140	69%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2517-01	Acq On:	09 Jul 2025 17:27
Client Sample ID:	TP-14	Operator:	YP/AJ
Data file:	FC069404.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.302	6.601	3744140	25.526	300	ug/ml
Aliphatic C12-C16	6.602	10.005	1022524	6.422	200	ug/ml
Aliphatic C16-C21	10.006	13.375	1119883	7.252	300	ug/ml
Aliphatic C21-C28	13.376	17.039	1665373	12.431	400	ug/ml
Aliphatic C28-C40	17.040	22.015	6058361	65.763	600	ug/ml
Aliphatic EPH	3.302	22.015	13610281	117.394		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	5938475	34.37		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4852071	37.14		ug/ml
Aliphatic C9-C28	3.302	17.039	7551920	51.631	1200	ug/ml