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

Report of Analysis

Client:	PSEG		Date Collected:	06/11/25	
Project:	PSEG Bergen Point		Date Received:	06/11/25	
Client Sample ID:	TP-3		SDG No.:	Q2297	
Lab Sample ID:	Q2297-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/12/25 08:55	06/13/25 12:19	PB168438

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	13.1		1	1.43	2.42	mg/kg	FE054378.D
Aliphatic C9-C28	Aliphatic C9-C28	7.32		1	1.10	4.84	mg/kg	FE054378.D
Total AliphaticEPH	Total AliphaticEPH	20.4			2.53	7.25	mg/kg	
Total EPH	Total EPH	20.4			2.53	7.25	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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Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054378.D	1	06/12/25	06/13/25	PB168438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.32		1.10	4.84	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.1		1.43	2.42	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	50.9		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.8		40 - 140	96%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2297-01	Acq On:	13 Jun 2025 12:19
Client Sample ID:	TP-3	Operator:	YP\AJ
Data file:	FE054378.D	Misc:	
Instrument:	FID_E	ALS Vial:	47
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.073	6.718	1231807	9.834	300	ug/ml
Aliphatic C12-C16	6.719	10.163	1920775	14.645	200	ug/ml
Aliphatic C16-C21	10.164	13.535	2700589	20.165	300	ug/ml
Aliphatic C21-C28	13.536	17.200	5890593	46.358	400	ug/ml
Aliphatic C28-C40	17.201	22.059	20874295	162.768	600	ug/ml
Aliphatic EPH	3.073	22.059	32618059	253.771		ug/ml
ortho-Terphenyl (SURR)	11.825	11.825	7889768	47.75		ug/ml
1-chlorooctadecane (SURR)	13.269	13.269	6202023	50.86		ug/ml
Aliphatic C9-C28	3.073	17.200	11743764	91.002	1200	ug/ml