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

Report of Analysis

Client:	PSEG	Date Collected:	04/08/25
Project:	Bergen Point Substation	Date Received:	04/08/25
Client Sample ID:	TP-3	SDG No.:	Q1752
Lab Sample ID:	Q1752-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/09/25 09:51	04/09/25 20:13	PB167528

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.76		1	1.34	2.28	mg/kg	FE053285.D
Aliphatic C9-C28	Aliphatic C9-C28	4.83		1	1.03	4.56	mg/kg	FE053285.D
Total AliphaticEPH	Total AliphaticEPH	11.6			2.38	6.84	mg/kg	
Total EPH	Total EPH	11.6			2.38	6.84	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
FE053285.D	1	04/09/25	04/09/25	PB167528

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.83		1.03	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.76		1.34	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.1		40 - 140	72%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1752-07	Acq On:	09 Apr 2025 20:13
Client Sample ID:	TP-3	Operator:	YP\AJ
Data file:	FE053285.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.135	6.774	1293360	8.289	300	ug/ml
Aliphatic C12-C16	6.775	10.223	2512449	16.354	200	ug/ml
Aliphatic C16-C21	10.224	13.598	2459913	17.043	300	ug/ml
Aliphatic C21-C28	13.599	17.267	2956758	22.008	400	ug/ml
Aliphatic C28-C40	17.268	22.161	11072546	89.11	600	ug/ml
Aliphatic EPH	3.135	22.161	20295026	152.804		ug/ml
ortho-Terphenyl (SURR)	11.888	11.888	5875991	36.07		ug/ml
1-chlorooctadecane (SURR)	13.332	13.332	4551709	37.92		ug/ml
Aliphatic C9-C28	3.135	17.267	9222480	63.694	1200	ug/ml