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

Report of Analysis

Client:	PSEG	Date Collected:	02/05/25
Project:	PSEG Elizabeth - Roselle Parks	Date Received:	02/05/25
Client Sample ID:	WC-6	SDG No.:	Q1309
Lab Sample ID:	Q1309-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 09:45	02/06/25 19:33	PB166589

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	7.59		1	2.07	2.30	mg/kg	FE052274.D
Aliphatic C9-C28	Aliphatic C9-C28	4.60	U	1	1.98	4.60	mg/kg	FE052274.D
Total AliphaticEPH	Total AliphaticEPH	7.59			4.05	6.90	mg/kg	
Total EPH	Total EPH	7.59			4.05	6.90	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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02/06/25 09:45	02/06/25 19:33	PB166589

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Project:	PSEG Elizabeth - Roselle Parks	Date Received:	02/05/25
Client Sample ID:	WC-6	SDG No.:	Q1309
Lab Sample ID:	Q1309-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.05 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
FE052274.D	1	02/06/25	02/06/25	PB166589

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.000	U	1.98	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		7.59		2.07	2.30	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		37.1		40 - 140	74%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1309-17	Acq On:	06 Feb 2025 19:33
Client Sample ID:	WC-6	Operator:	YP\AJ
Data file:	FE052274.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.237	504553	5.246	300	ug/ml
Aliphatic C12-C16	7.238	10.641	531258	5.073	200	ug/ml
Aliphatic C16-C21	10.642	13.987	419165	3.709	300	ug/ml
Aliphatic C21-C28	13.988	17.631	829284	7.275	400	ug/ml
Aliphatic C28-C40	17.632	22.723	9067341	99.039	600	ug/ml
Aliphatic EPH	3.679	22.723	11351601	120.341		ug/ml
ortho-Terphenyl (SURR)	12.310	12.310	4586421	37.06		ug/ml
1-chlorooctadecane (SURR)	13.722	13.722	3823779	38.74		ug/ml
Aliphatic C9-C28	3.679	17.631	2284260	21.303	1200	ug/ml