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

Report of Analysis

Client:	PSEG	Date Collected:	04/28/25
Project:	Defective Pole Replacement	Date Received:	04/28/25
Client Sample ID:	343	SDG No.:	Q1902
Lab Sample ID:	Q1902-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/29/25 09:05	04/29/25 14:43	PB167778

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.73		1	1.30	2.21	mg/kg	FE053568.D
Aliphatic C9-C28	Aliphatic C9-C28	25.5		1	1.00	4.41	mg/kg	FE053568.D
Total AliphaticEPH	Total AliphaticEPH	30.2			2.30	6.62	mg/kg	
Total EPH	Total EPH	30.2			2.30	6.62	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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Analytical Method:	NJEPH		% Solid:	90.3	
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Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053568.D	1	04/29/25	04/29/25	PB167778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	25.5		1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.73		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.8		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.8		40 - 140	68%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1902-02	Acq On:	29 Apr 2025 14:43
Client Sample ID:	343	Operator:	YP\AJ
Data file:	FE053568.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.116	6.759	401721	2.899	300	ug/ml
Aliphatic C12-C16	6.760	10.208	11142016	78.572	200	ug/ml
Aliphatic C16-C21	10.209	13.583	26006536	178.907	300	ug/ml
Aliphatic C21-C28	13.584	17.253	12120350	85.25	400	ug/ml
Aliphatic C28-C40	17.254	22.144	8302213	64.334	600	ug/ml
Aliphatic EPH	3.116	22.144	57972836	409.961		ug/ml
ortho-Terphenyl (SURR)	11.871	11.871	6087501	33.75		ug/ml
1-chlorooctadecane (SURR)	13.316	13.316	5381724	39.81		ug/ml
Aliphatic C9-C28	3.116	17.253	49670623	345.628	1200	ug/ml