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

Report of Analysis

Client:	PSEG			Date Collected:	01/29/25
Project:	Southern Electric Division			Date Received:	01/29/25
Client Sample ID:	BELL-25-002			SDG No.:	Q1218
Lab Sample ID:	Q1218-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	5.06	Units:	g	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
01/30/25 09:40	01/31/25 10:35	PB166362

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6260		50	533	592	mg/kg	FF015410.D
Aliphatic C9-C28	Aliphatic C9-C28	12500		50	509	1180	mg/kg	FF015410.D
Total AliphaticEPH	Total AliphaticEPH	18800			1040	1780	mg/kg	
Total EPH	Total EPH	18800			1040	1780	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
FF015401.D	1	01/30/25	01/30/25	PB166362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	12000	E	10.2	23.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5770	E	10.7	11.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	777		40 - 140	1553%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	58.1		40 - 140	116%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1218-01	Acq On:	30 Jan 2025 18:37
Client Sample ID:	BELL-25-002	Operator:	YP\AJ
Data file:	FF015401.D	Misc:	
Instrument:	FID_F	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.214	6.832	899610010	6750	300	ug/ml
Aliphatic C12-C16	6.833	10.265	1443117425	10400	200	ug/ml
Aliphatic C16-C21	10.266	13.632	885994452	6130	300	ug/ml
Aliphatic C21-C28	13.633	17.297	1015797212	7130	400	ug/ml
Aliphatic C28-C40	17.298	22.204	1527460301	14600	600	ug/ml
Aliphatic EPH	3.214	22.204	5771979400	45000		ug/ml
ortho-Terphenyl (SURR)	11.949	11.949	9244889	58.15		ug/ml
1-chlorooctadecane (SURR)	13.407	13.407	96810207	776.55		ug/ml
Aliphatic C9-C28	3.214	17.297	4244519099	30400	1200	ug/ml