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

Report of Analysis

Client:	PSEG	Date Collected:	04/09/25
Project:	PSEG 26kV Service to Prologis	Date Received:	04/09/25
Client Sample ID:	TP-9-EPH	SDG No.:	Q1756
Lab Sample ID:	Q1756-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
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
04/10/25 09:00	04/10/25 14:03	PB167545

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.63		1	1.33	2.26	mg/kg	FE053302.D
Aliphatic C9-C28	Aliphatic C9-C28	16.0		1	1.03	4.51	mg/kg	FE053302.D
Total AliphaticEPH	Total AliphaticEPH	22.6			2.36	6.77	mg/kg	
Total EPH	Total EPH	22.6			2.36	6.77	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

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

Report of Analysis

Client:	PSEG	Date Collected:	04/09/25
Project:	PSEG 26kV Service to Prologis	Date Received:	04/09/25
Client Sample ID:	TP-9-EPH	SDG No.:	Q1756
Lab Sample ID:	Q1756-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08 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
FE053302.D	1	04/10/25	04/10/25	PB167545

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	16.0		1.03	4.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.63		1.33	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.0		40 - 140	58%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1756-02	Acq On:	10 Apr 2025 14:03
Client Sample ID:	TP-9-EPH	Operator:	YP\AJ
Data file:	FE053302.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.133	6.774	1714551	10.988	300	ug/ml
Aliphatic C12-C16	6.775	10.223	2867209	18.663	200	ug/ml
Aliphatic C16-C21	10.224	13.598	9501138	65.826	300	ug/ml
Aliphatic C21-C28	13.599	17.266	15705203	116.9	400	ug/ml
Aliphatic C28-C40	17.267	22.162	10957082	88.181	600	ug/ml
Aliphatic EPH	3.133	22.162	40745183	300.558		ug/ml
ortho-Terphenyl (SURR)	11.887	11.887	4730105	29.04		ug/ml
1-chlorooctadecane (SURR)	13.331	13.331	4062539	33.84		ug/ml
Aliphatic C9-C28	3.133	17.266	29788101	212.377	1200	ug/ml