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

Report of Analysis

Client:	PSEG	Date Collected:	04/10/25
Project:	26kV Service to Prologis - Newark OP	Date Received:	04/11/25
Client Sample ID:	TP-1-EPH	SDG No.:	Q1787
Lab Sample ID:	Q1787-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/14/25 08:38	04/14/25 16:02	PB167574

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	10.6		1	1.39	2.35	mg/kg	FE053344.D
Aliphatic C9-C28	Aliphatic C9-C28	15.9		1	1.07	4.71	mg/kg	FE053344.D
Total AliphaticEPH	Total AliphaticEPH	26.5			2.46	7.06	mg/kg	
Total EPH	Total EPH	26.5			2.46	7.06	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:	04/10/25
Project:	26kV Service to Prologis - Newark OP	Date Received:	04/11/25
Client Sample ID:	TP-1-EPH	SDG No.:	Q1787
Lab Sample ID:	Q1787-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.09 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
FE053344.D	1	04/14/25	04/14/25	PB167574

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.9		1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.6		1.39	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.6		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.3		40 - 140	63%	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:	Q1787-10	Acq On:	14 Apr 2025 16:02
Client Sample ID:	TP-1-EPH	Operator:	YP\AJ
Data file:	FE053344.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	3.133	6.775	2671904	17.124	300	ug/ml
Aliphatic C12-C16	6.776	10.227	2838581	18.477	200	ug/ml
Aliphatic C16-C21	10.228	13.605	8127963	56.312	300	ug/ml
Aliphatic C21-C28	13.606	17.276	14847176	110.513	400	ug/ml
Aliphatic C28-C40	17.277	22.185	16843978	135.558	600	ug/ml
Aliphatic EPH	3.133	22.185	45329602	337.984		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5100671	31.31		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	4036780	33.63		ug/ml
Aliphatic C9-C28	3.133	17.276	28485624	202.426	1200	ug/ml