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

Report of Analysis

Client:	PSEG	Date Collected:	06/11/25
Project:	PSEG Onyx to STL poles	Date Received:	06/11/25
Client Sample ID:	WC-1-EPH	SDG No.:	Q2296
Lab Sample ID:	Q2296-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.8
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/12/25 08:55	06/13/25 2:16	PB168438

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	9.18		1	1.44	2.44	mg/kg	FE054360.D
Aliphatic C9-C28	Aliphatic C9-C28	10.6		1	1.11	4.88	mg/kg	FE054360.D
Total AliphaticEPH	Total AliphaticEPH	19.7			2.55	7.32	mg/kg	
Total EPH	Total EPH	19.7			2.55	7.32	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:	06/11/25
Project:	PSEG Onyx to STL poles	Date Received:	06/11/25
Client Sample ID:	WC-1-EPH	SDG No.:	Q2296
Lab Sample ID:	Q2296-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.8
Sample Wt/Vol:	30.07 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
FE054360.D	1	06/12/25	06/13/25	PB168438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.6		1.11	4.88	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.18		1.44	2.44	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.9		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.8		40 - 140	98%	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:	Q2296-02	Acq On:	13 Jun 2025 02:16
Client Sample ID:	WC-1-EPH	Operator:	YP\AJ
Data file:	FE054360.D	Misc:	
Instrument:	FID_E	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.077	6.722	1266948	10.115	300	ug/ml
Aliphatic C12-C16	6.723	10.169	1119601	8.537	200	ug/ml
Aliphatic C16-C21	10.170	13.542	5447391	40.675	300	ug/ml
Aliphatic C21-C28	13.543	17.208	8952610	70.455	400	ug/ml
Aliphatic C28-C40	17.209	22.074	14484357	112.943	600	ug/ml
Aliphatic EPH	3.077	22.074	31270907	242.724		ug/ml
ortho-Terphenyl (SURR)	11.827	11.827	8058189	48.77		ug/ml
1-chlorooctadecane (SURR)	13.271	13.271	6452864	52.91		ug/ml
Aliphatic C9-C28	3.077	17.208	16786550	129.782	1200	ug/ml