

## Report of Analysis

Client:	PSEG	Date Collected:	08/11/25
Project:	Franklin Sub	Date Received:	08/11/25
Client Sample ID:	BIN0009-DRIVEWAY-TP-SOUTH-EAST	SDG No.:	Q2830
Lab Sample ID:	Q2830-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.2
Sample Wt/Vol:	30.05      Units: g	Final Vol:	2000      uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/12/25 08:45	08/12/25 23:34	PB169207

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
<b>TARGETS</b>								
Aliphatic C28-C40	Aliphatic C28-C40	24.0		1	1.37	2.32	mg/kg	FE055271.D
Aliphatic C9-C28	Aliphatic C9-C28	4.01	J	1	1.05	4.63	mg/kg	FE055271.D
Total AliphaticEPH	Total AliphaticEPH	28.0			2.42	6.95	mg/kg	
Total EPH	Total EPH	28.0			2.42	6.95	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055271.D	1	08/12/25	08/12/25	PB169207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	4.01	J	1.05	4.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.0		1.37	2.32	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	42.4		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.3		40 - 140	80%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2830-02	Acq On:	12 Aug 2025 23:34
Client Sample ID:	BIN0009-DRIVEWAY-TP-	Operator:	YP\AJ
Data file:	FE055271.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.959	468308	4.01	300	ug/ml
Aliphatic C12-C16	6.960	10.413	1269158	10.135	200	ug/ml
Aliphatic C16-C21	10.414	13.793	2110788	16.699	300	ug/ml
Aliphatic C21-C28	13.794	17.466	2540008	21.078	400	ug/ml
Aliphatic C28-C40	17.467	22.498	35456441	311.056	600	ug/ml
Aliphatic EPH	3.323	22.498	41844703	362.978		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	5747926	40.25		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	4556862	42.38		ug/ml
Aliphatic C9-C28	3.323	17.466	6388262	51.922	1200	ug/ml