

Report of Analysis

Client:	PSEG	Date Collected:	11/25/25
Project:	Mikule Contracting, Inc. (Clifton, NJ) (CL)	Date Received:	11/25/25
Client Sample ID:	CC-1-112525	SDG No.:	Q3723
Lab Sample ID:	Q3723-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/26/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	53.6		2	2.56	4.34	mg/kg	FE057092.D	12/01/25 12:38	PB170736
Aliphatic C9-C28	Aliphatic C9-C28	6.20		1	0.99	4.33	mg/kg	FE057054.D	11/26/25 19:08	PB170736
Total AliphaticEPH	Total AliphaticEPH	59.8			3.55	8.67	mg/kg			
Total EPH	Total EPH	59.8			3.55	8.67	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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Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
		Prep Date	11/26/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.20	1		0.99	4.33	mg/kg	11/26/25	PB170736
Aliphatic C28-C40	Aliphatic C28-C40	54.5	E 1		1.28	2.17	mg/kg	11/26/25	PB170736
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	20.6			40 - 140	41%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	23.6			40 - 140	47%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3723-01	Acq On:	26 Nov 2025 19:08
Client Sample ID:	CC-1-112525	Operator:	YP\AJ
Data file:	FE057054.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.202	6.826	441822	2.581	300	ug/ml
Aliphatic C12-C16	6.827	10.271	1833431	10.257	200	ug/ml
Aliphatic C16-C21	10.272	13.644	5028865	26.964	300	ug/ml
Aliphatic C21-C28	13.645	17.314	8862040	45.973	400	ug/ml
Aliphatic C28-C40	17.315	22.241	120182459	754.372	600	ug/ml
Aliphatic EPH	3.202	22.241	136348617	840.146		ug/ml
ortho-Terphenyl (SURR)	11.945	11.945	4939576	23.64		ug/ml
1-chlorooctadecane (SURR)	13.383	13.383	3315620	20.58		ug/ml
Aliphatic C9-C28	3.202	17.314	16166158	85.775	1200	ug/ml