

Report of Analysis

Client:	PSEG	Date Collected:	10/03/25
Project:	Mikula Contracting, Inc. (Clifton, NJ) MA00006789	Date Received:	10/03/25
Client Sample ID:	CL-02-100325-E2	SDG No.:	Q3290
Lab Sample ID:	Q3290-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.7
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
10/06/25 08:00	10/06/25 23:37	PB169990

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	40.7		1	1.24	2.11	mg/kg FE056215.D
Aliphatic C9-C28	Aliphatic C9-C28	4.62		1	0.96	4.20	mg/kg FE056215.D
Total AliphaticEPH	Total AliphaticEPH	45.3			2.20	6.31	mg/kg
Total EPH	Total EPH	45.3			2.20	6.31	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
FE056215.D	1	10/06/25	10/06/25	PB169990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.62		0.96	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	40.7		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3290-02	Acq On:	06 Oct 2025 23:37
Client Sample ID:	CL-02-100325-E2	Operator:	YP\AJ
Data file:	FE056215.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	446975	3.192	300	ug/ml
Aliphatic C12-C16	6.946	10.396	1669970	10.888	200	ug/ml
Aliphatic C16-C21	10.397	13.775	2902974	17.5	300	ug/ml
Aliphatic C21-C28	13.776	17.444	5076709	34.18	400	ug/ml
Aliphatic C28-C40	17.445	22.453	79009788	579.88	600	ug/ml
Aliphatic EPH	3.311	22.453	89106416	645.641		ug/ml
ortho-Terphenyl (SURR)	12.069	12.069	5511166	29.37		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4366512	31.29		ug/ml
Aliphatic C9-C28	3.311	17.444	10096628	65.76	1200	ug/ml