

Report of Analysis

Client:	PSEG	Date Collected:	08/14/25
Project:	Mikula Contracting, Inc. (Clifton, NJ) MA00006789	Date Received:	08/14/25
Client Sample ID:	CL-02-08142025-E2	SDG No.:	Q2876
Lab Sample ID:	Q2876-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/15/25 09:30	08/16/25 0:31	PB169265

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	7.94		1	1.20	2.04	mg/kg	FE055344.D
Aliphatic C9-C28	Aliphatic C9-C28	1.71	J	1	0.93	4.08	mg/kg	FE055344.D
Total AliphaticEPH	Total AliphaticEPH	9.64			2.13	6.12	mg/kg	
Total EPH	Total EPH	9.64			2.13	6.12	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

Report of Analysis

Client:	PSEG	Date Collected:	08/14/25
Project:	Mikula Contracting, Inc. (Clifton, NJ) MA00006789	Date Received:	08/14/25
Client Sample ID:	CL-02-08142025-E2	SDG No.:	Q2876
Lab Sample ID:	Q2876-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.8
Sample Wt/Vol:	30.04 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
FE055344.D	1	08/15/25	08/16/25	PB169265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.71	J	0.93	4.08	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.94		1.20	2.04	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.4		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.5		40 - 140	65%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2876-02	Acq On:	16 Aug 2025 00:31
Client Sample ID:	CL-02-08142025-E2	Operator:	YP\AJ
Data file:	FE055344.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	3.321	6.954	308808	2.644	300	ug/ml
Aliphatic C12-C16	6.955	10.407	678755	5.42	200	ug/ml
Aliphatic C16-C21	10.408	13.785	864437	6.839	300	ug/ml
Aliphatic C21-C28	13.786	17.458	1221588	10.137	400	ug/ml
Aliphatic C28-C40	17.459	22.482	13288019	116.575	600	ug/ml
Aliphatic EPH	3.321	22.482	16361607	141.615		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4635132	32.46		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	3694683	34.36		ug/ml
Aliphatic C9-C28	3.321	17.458	3073588	25.04	1200	ug/ml