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

Report of Analysis

Client:	PSEG	Date Collected:	10/06/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	10/06/25
Client Sample ID:	HD-02-10062025-E2	SDG No.:	Q3294
Lab Sample ID:	Q3294-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
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
10/07/25 08:00	10/08/25 9:18	PB170001

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	72.3		5	6.27	10.6	mg/kg	FG016773.D
Aliphatic C9-C28	Aliphatic C9-C28	10.8		1	0.97	4.25	mg/kg	FG016761.D
Total AliphaticEPH	Total AliphaticEPH	83.1			7.24	14.8	mg/kg	
Total EPH	Total EPH	83.1			7.24	14.8	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016761.D	1	10/07/25	10/07/25	PB170001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.8		0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	71.4	E	1.25	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.5		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.0		40 - 140	46%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3294-02	Acq On:	07 Oct 2025 14:44
Client Sample ID:	HD-02-10062025-E2	Operator:	YP\AJ
Data file:	FG016761.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.271	6.913	350840	2.781	300	ug/ml
Aliphatic C12-C16	6.914	10.374	2398829	18.485	200	ug/ml
Aliphatic C16-C21	10.375	13.763	7223360	51.505	300	ug/ml
Aliphatic C21-C28	13.764	17.448	11770827	80.292	400	ug/ml
Aliphatic C28-C40	17.449	22.476	116253928	1010	600	ug/ml
Aliphatic EPH	3.271	22.476	137997784	1160		ug/ml
ortho-Terphenyl (SURR)	12.051	12.051	3598544	23.04		ug/ml
1-chlorooctadecane (SURR)	13.497	13.497	3605253	29.48		ug/ml
Aliphatic C9-C28	3.271	17.448	21743856	153.063	1200	ug/ml