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

Report of Analysis

Client:	PSEG	Date Collected:	09/26/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	09/26/25
Client Sample ID:	HD-01-092625	SDG No.:	Q3221
Lab Sample ID:	Q3221-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/29/25 09:50	09/30/25 12:10	PB169891

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	117		5	6.57	11.1	mg/kg	FE056084.D
Aliphatic C9-C28	Aliphatic C9-C28	31.4		1	1.01	4.44	mg/kg	FE056062.D
Total AliphaticEPH	Total AliphaticEPH	148			7.58	15.5	mg/kg	
Total EPH	Total EPH	148			7.58	15.5	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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Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056062.D	1	09/29/25	09/30/25	PB169891

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	31.4		1.01	4.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	105	E	1.31	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.2		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.3		40 - 140	53%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3221-01	Acq On:	30 Sep 2025 00:31
Client Sample ID:	HD-01-092625	Operator:	YP\AJ
Data file:	FE056062.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.946	596857	4.262	300	ug/ml
Aliphatic C12-C16	6.947	10.396	5182520	33.79	200	ug/ml
Aliphatic C16-C21	10.397	13.773	33314983	200.838	300	ug/ml
Aliphatic C21-C28	13.774	17.443	27416483	184.589	400	ug/ml
Aliphatic C28-C40	17.444	22.449	194490236	1430	600	ug/ml
Aliphatic EPH	3.315	22.449	261001079	1850		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	4937386	26.31		ug/ml
1-chlorooctadecane (SURR)	13.508	13.508	4907534	35.16		ug/ml
Aliphatic C9-C28	3.315	17.443	66510843	423.479	1200	ug/ml