

Report of Analysis

Client:	PSEG	Date Collected:	06/13/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	06/13/25
Client Sample ID:	HD-01-6132025	SDG No.:	Q2324
Lab Sample ID:	Q2324-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/16/25 08:50	06/17/25 10:27	PB168485

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	55.9		2	2.51	4.25	mg/kg FE054437.D
Aliphatic C9-C28	Aliphatic C9-C28	13.5		1	0.97	4.25	mg/kg FE054419.D
Total AliphaticEPH	Total AliphaticEPH	69.4			3.48	8.50	mg/kg
Total EPH	Total EPH	69.4			3.48	8.50	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:	06/13/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	06/13/25
Client Sample ID:	HD-01-6132025	SDG No.:	Q2324
Lab Sample ID:	Q2324-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.01 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
FE054419.D	1	06/16/25	06/16/25	PB168485

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.5		0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	51.7	E	1.25	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.0		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.9		40 - 140	86%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2324-01	Acq On:	16 Jun 2025 22:18
Client Sample ID:	HD-01-6132025	Operator:	YP\AJ
Data file:	FE054419.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.075	6.719	1280880	10.226	300	ug/ml
Aliphatic C12-C16	6.720	10.165	3257566	24.838	200	ug/ml
Aliphatic C16-C21	10.166	13.538	8079832	60.331	300	ug/ml
Aliphatic C21-C28	13.539	17.207	12068223	94.974	400	ug/ml
Aliphatic C28-C40	17.208	22.075	93464120	728.791	600	ug/ml
Aliphatic EPH	3.075	22.075	118150621	919.16		ug/ml
ortho-Terphenyl (SURR)	11.828	11.828	7083325	42.87		ug/ml
1-chlorooctadecane (SURR)	13.272	13.272	5853315	48		ug/ml
Aliphatic C9-C28	3.075	17.207	24686501	190.369	1200	ug/ml