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

Report of Analysis

Client:	PSEG	Date Collected:	07/09/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	07/09/25
Client Sample ID:	HD-02-7-9-2025	SDG No.:	Q2546
Lab Sample ID:	Q2546-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/10/25 09:25	07/11/25 11:20	PB168786

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	95.3		10	12.5	21.1	mg/kg	FE054807.D
Aliphatic C9-C28	Aliphatic C9-C28	38.4		1	0.96	4.23	mg/kg	FE054792.D
Total AliphaticEPH	Total AliphaticEPH	134			13.5	25.3	mg/kg	
Total EPH	Total EPH	134			13.5	25.3	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

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

Report of Analysis

Client:	PSEG	Date Collected:	07/09/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	07/09/25
Client Sample ID:	HD-02-7-9-2025	SDG No.:	Q2546
Lab Sample ID:	Q2546-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.03 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
FE054792.D	1	07/10/25	07/10/25	PB168786

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	38.4		0.96	4.23	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	90.9	E	1.25	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.6		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.5		40 - 140	47%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2546-02	Acq On:	10 Jul 2025 21:27
Client Sample ID:	HD-02-7-9-2025	Operator:	YP\AJ
Data file:	FE054792.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.952	1329394	9.771	300	ug/ml
Aliphatic C12-C16	6.953	10.404	12469879	88.711	200	ug/ml
Aliphatic C16-C21	10.405	13.781	33100197	229.236	300	ug/ml
Aliphatic C21-C28	13.782	17.452	31605486	218.494	400	ug/ml
Aliphatic C28-C40	17.453	22.471	178984792	1290	600	ug/ml
Aliphatic EPH	3.319	22.471	257489748	1840		ug/ml
ortho-Terphenyl (SURR)	12.084	12.084	3812594	23.48		ug/ml
1-chlorooctadecane (SURR)	13.522	13.522	4244808	33.61		ug/ml
Aliphatic C9-C28	3.319	17.452	78504956	546.212	1200	ug/ml