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

Report of Analysis

Client:	PSEG	Date Collected:	04/01/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	04/01/25
Client Sample ID:	HR-02-040125-E2	SDG No.:	Q1685
Lab Sample ID:	Q1685-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/02/25 08:00	04/02/25 19:49	PB167427

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	40.3		1	1.68	2.86	mg/kg	FE053142.D
Aliphatic C9-C28	Aliphatic C9-C28	3.87	J	1	1.30	5.71	mg/kg	FE053142.D
Total AliphaticEPH	Total AliphaticEPH	44.2			2.98	8.57	mg/kg	
Total EPH	Total EPH	44.2			2.98	8.57	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
FE053142.D	1	04/02/25	04/02/25	PB167427

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.87	J	1.30	5.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		40.3		1.68	2.86	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		55.0		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		53.6		40 - 140	107%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1685-02	Acq On:	02 Apr 2025 19:49
Client Sample ID:	HR-02-040125-E2	Operator:	YP\AJ
Data file:	FE053142.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.137	6.779	1064113	6.82	300	ug/ml
Aliphatic C12-C16	6.780	10.229	1055570	6.871	200	ug/ml
Aliphatic C16-C21	10.230	13.604	1693244	11.731	300	ug/ml
Aliphatic C21-C28	13.605	17.273	2044198	15.216	400	ug/ml
Aliphatic C28-C40	17.274	22.174	52555739	422.961	600	ug/ml
Aliphatic EPH	3.137	22.174	58412864	463.599		ug/ml
ortho-Terphenyl (SURR)	11.895	11.895	8737829	53.64		ug/ml
1-chlorooctadecane (SURR)	13.338	13.338	6603767	55.01		ug/ml
Aliphatic C9-C28	3.137	17.273	5857125	40.638	1200	ug/ml