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

Report of Analysis

Client:	PSEG	Date Collected:	06/04/25
Project:	Central (Harrison) Gas Division Service MA00006789	Date Received:	06/04/25
Client Sample ID:	HR-01-06042025-E2	SDG No.:	Q2223
Lab Sample ID:	Q2223-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
06/09/25 08:30	06/10/25 8:46	PB168341

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	57.4		5	6.58	11.2	mg/kg	FE054275.D
Aliphatic C9-C28	Aliphatic C9-C28	136		5	5.08	22.3	mg/kg	FE054275.D
Total AliphaticEPH	Total AliphaticEPH	193			11.7	33.5	mg/kg	
Total EPH	Total EPH	193			11.7	33.5	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054246.D	1	06/09/25	06/09/25	PB168341

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	120	E	1.01	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	58.2	E	1.32	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.1		40 - 140	84%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2223-02	Acq On:	09 Jun 2025 15:10
Client Sample ID:	HR-01-06042025-E2	Operator:	YP\AJ
Data file:	FE054246.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.082	6.727	4462669	32.919	300	ug/ml
Aliphatic C12-C16	6.728	10.174	84035179	622.753	200	ug/ml
Aliphatic C16-C21	10.175	13.548	109169427	827.6	300	ug/ml
Aliphatic C21-C28	13.549	17.217	16377186	131.886	400	ug/ml
Aliphatic C28-C40	17.218	22.094	90274943	782.07	600	ug/ml
Aliphatic EPH	3.082	22.094	304319404	2400		ug/ml
ortho-Terphenyl (SURR)	11.839	11.839	6836859	42.07		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	4772767	40.26		ug/ml
Aliphatic C9-C28	3.082	17.217	214044461	1620	1200	ug/ml