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

Report of Analysis

Client:	PSEG	Date Collected:	02/21/25
Project:	Central (Harrison) Gas Division Service MA00006789	Date Received:	02/21/25
Client Sample ID:	HR-02-02212025	SDG No.:	Q1411
Lab Sample ID:	Q1411-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/24/25 09:00	02/24/25 16:19	PB166837

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	15.7		1	1.92	2.13	mg/kg	FE052469.D
Aliphatic C9-C28	Aliphatic C9-C28	30.5		1	1.84	4.27	mg/kg	FE052469.D
Total AliphaticEPH	Total AliphaticEPH	46.2			3.76	6.40	mg/kg	
Total EPH	Total EPH	46.2			3.76	6.40	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
FE052469.D	1	02/24/25	02/24/25	PB166837

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	30.5		1.84	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15.7		1.92	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.8		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.1		40 - 140	56%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1411-01	Acq On:	24 Feb 2025 16:19
Client Sample ID:	HR-02-02212025	Operator:	YP\AJ
Data file:	FE052469.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.155	6.798	4858986	31.179	300	ug/ml
Aliphatic C12-C16	6.799	10.251	31970330	199.222	200	ug/ml
Aliphatic C16-C21	10.252	13.630	27400215	170.699	300	ug/ml
Aliphatic C21-C28	13.631	17.303	4419548	28.439	400	ug/ml
Aliphatic C28-C40	17.304	22.230	28850450	220.258	600	ug/ml
Aliphatic EPH	3.155	22.230	97499529	649.796		ug/ml
ortho-Terphenyl (SURR)	11.918	11.918	5261685	28.15		ug/ml
1-chlorooctadecane (SURR)	13.363	13.363	3998912	28.77		ug/ml
Aliphatic C9-C28	3.155	17.303	68649079	429.539	1200	ug/ml