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

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	OR-02-100925MS	SDG No.:	Q3322
Lab Sample ID:	Q3322-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93
Sample Wt/Vol:	30.04 g Final Vol: 2000uL	Test:	EPH_NF
Prep Method :	Prep Date : 10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Total AliphaticEPH	Total AliphaticEPH	216			2.25	6.44	mg/kg			
Total EPH	Total EPH	216			2.25	6.44	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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Project:	Oradell Gas and Appliance Service MA00006789		Date Received:		
Client Sample ID:	OR-02-100925MS		SDG No.:	Q3322	
Lab Sample ID:	Q3322-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93	
Sample Wt/Vol:	30.04	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
FE056307.D	1	10/13/25	10/13/25	PB170068

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		137	E	0.98	4.29	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		79.3	E	1.27	2.15	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.8		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		33.8		40 - 140	68%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3322-01MS	Acq On:	13 Oct 2025 16:32
Client Sample ID:	Q3322-01MS	Operator:	YP\AJ
Data file:	FE056307.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.939	27576610	196.936	300	ug/ml
Aliphatic C12-C16	6.940	10.389	66301897	432.282	200	ug/ml
Aliphatic C16-C21	10.390	13.768	89188110	537.667	300	ug/ml
Aliphatic C21-C28	13.769	17.439	110313784	742.718	400	ug/ml
Aliphatic C28-C40	17.440	22.444	150868904	1110	600	ug/ml
Aliphatic EPH	3.303	22.444	444249305	3020		ug/ml
ortho-Terphenyl (SURR)	12.068	12.068	6339782	33.78		ug/ml
1-chlorooctadecane (SURR)	13.504	13.504	5975807	42.82		ug/ml
Aliphatic C9-C28	3.303	17.439	293380401	1910	1200	ug/ml