

Report of Analysis

Client:	PSEG	Date Collected:	06/30/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	06/30/25
Client Sample ID:	OR-3-063025-E2	SDG No.:	Q2464
Lab Sample ID:	Q2464-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/01/25 09:00	07/02/25 7:58	PB168673

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	41.5		2	2.44	4.14	mg/kg	FE054667.D
Aliphatic C9-C28	Aliphatic C9-C28	57.4		1	0.94	4.15	mg/kg	FE054660.D
Total AliphaticEPH	Total AliphaticEPH	98.9			3.38	8.29	mg/kg	
Total EPH	Total EPH	98.9			3.38	8.29	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

Report of Analysis

Client:	PSEG	Date Collected:	06/30/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	06/30/25
Client Sample ID:	OR-3-063025-E2	SDG No.:	Q2464
Lab Sample ID:	Q2464-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.4
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
FE054660.D	1	07/01/25	07/01/25	PB168673

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	57.4		0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.8	E	1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.6		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.2		40 - 140	56%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2464-02	Acq On:	01 Jul 2025 16:12
Client Sample ID:	OR-3-063025-E2	Operator:	YP\AJ
Data file:	FE054660.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.950	2159027	15.869	300	ug/ml
Aliphatic C12-C16	6.951	10.401	7490724	53.289	200	ug/ml
Aliphatic C16-C21	10.402	13.777	50640282	350.71	300	ug/ml
Aliphatic C21-C28	13.778	17.446	59397218	410.622	400	ug/ml
Aliphatic C28-C40	17.447	22.459	87835801	633.519	600	ug/ml
Aliphatic EPH	3.319	22.459	207523052	1460		ug/ml
ortho-Terphenyl (SURR)	12.077	12.077	4577528	28.19		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	4876804	38.61		ug/ml
Aliphatic C9-C28	3.319	17.446	119687251	830.49	1200	ug/ml