

Report of Analysis

Client:	PSEG	Date Collected:	07/23/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	07/23/25
Client Sample ID:	OR-03-07232025	SDG No.:	Q2689
Lab Sample ID:	Q2689-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.8
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
07/25/25 08:15	07/25/25 14:57	PB169002

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	41.6		1	1.27	2.15	mg/kg	FC069534.D
Aliphatic C9-C28	Aliphatic C9-C28	15.9		1	0.98	4.32	mg/kg	FC069534.D
Total AliphaticEPH	Total AliphaticEPH	57.5			2.25	6.47	mg/kg	
Total EPH	Total EPH	57.5			2.25	6.47	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:	07/23/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	07/23/25
Client Sample ID:	OR-03-07232025	SDG No.:	Q2689
Lab Sample ID:	Q2689-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.8
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
07/25/25 08:15	07/25/25 14:57	PB169002

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	41.6		1	1.27	2.15	mg/kg	FC069534.D
Aliphatic C9-C28	Aliphatic C9-C28	15.9		1	0.98	4.32	mg/kg	FC069534.D
Total AliphaticEPH	Total AliphaticEPH	57.5			2.25	6.47	mg/kg	
Total EPH	Total EPH	57.5			2.25	6.47	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:	07/23/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	07/23/25
Client Sample ID:	OR-03-07232025	SDG No.:	Q2689
Lab Sample ID:	Q2689-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.8
Sample Wt/Vol:	30.02 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
FC069534.D	1	07/25/25	07/25/25	PB169002

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.9		0.98	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.6		1.27	2.15	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.7		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.1		40 - 140	68%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2689-01	Acq On:	25 Jul 2025 14:57
Client Sample ID:	OR-03-07232025	Operator:	YP/AJ
Data file:	FC069534.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.600	618317	4.448	300	ug/ml
Aliphatic C12-C16	6.601	10.004	2170756	15.067	200	ug/ml
Aliphatic C16-C21	10.005	13.374	9358980	68.818	300	ug/ml
Aliphatic C21-C28	13.375	17.040	15820928	132.961	400	ug/ml
Aliphatic C28-C40	17.041	22.024	52029682	578.859	600	ug/ml
Aliphatic EPH	3.303	22.024	79998663	800.153		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	5054034	34.06		ug/ml
1-chlorooctadecane (SURR)	13.110	13.110	4256695	37.67		ug/ml
Aliphatic C9-C28	3.303	17.040	27968981	221.294	1200	ug/ml