

Report of Analysis

Client:	PSEG	Date Collected:	09/29/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	09/29/25
Client Sample ID:	OK-02-092925	SDG No.:	Q3240
Lab Sample ID:	Q3240-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
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
09/30/25 10:10	09/30/25 23:31	PB169910

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	105		5	6.15	10.4	mg/kg FG016713.D
Aliphatic C9-C28	Aliphatic C9-C28	20.9		1	0.95	4.17	mg/kg FG016699.D
Total AliphaticEPH	Total AliphaticEPH	126			7.10	14.6	mg/kg
Total EPH	Total EPH	126			7.10	14.6	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016699.D	1	09/30/25	09/30/25	PB169910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	20.9		0.95	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	87.4	E	1.23	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.7		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.1		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3240-01	Acq On:	30 Sep 2025 15:07
Client Sample ID:	OK-02-092925	Operator:	YP\AJ
Data file:	FG016699.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.276	6.919	431500	3.736	300	ug/ml
Aliphatic C12-C16	6.920	10.377	2312123	19.17	200	ug/ml
Aliphatic C16-C21	10.378	13.767	13375243	103.452	300	ug/ml
Aliphatic C21-C28	13.768	17.453	22475264	174.444	400	ug/ml
Aliphatic C28-C40	17.454	22.487	127630543	1260	600	ug/ml
Aliphatic EPH	3.276	22.487	166224673	1560		ug/ml
ortho-Terphenyl (SURR)	12.056	12.056	4580402	32.11		ug/ml
1-chlorooctadecane (SURR)	13.500	13.500	3921140	34.74		ug/ml
Aliphatic C9-C28	3.276	17.453	38594130	300.802	1200	ug/ml