

Report of Analysis

Client:	PSEG	Date Collected:	10/08/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	10/08/25
Client Sample ID:	OK-01-100825-E2	SDG No.:	Q3319
Lab Sample ID:	Q3319-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/09/25 09:55	10/10/25 9:36	PB170039

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	43.2		2	2.67	4.52	mg/kg	FE056295.D
Aliphatic C9-C28	Aliphatic C9-C28	3.83	J	1	1.03	4.52	mg/kg	FE056278.D
Total AliphaticEPH	Total AliphaticEPH	47.0			3.70	9.04	mg/kg	
Total EPH	Total EPH	47.0			3.70	9.04	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
FE056278.D	1	10/09/25	10/09/25	PB170039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.83	J	1.03	4.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	46.2	E	1.33	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.4		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.1		40 - 140	48%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3319-02	Acq On:	09 Oct 2025 17:23
Client Sample ID:	OK-01-100825-E2	Operator:	YP\AJ
Data file:	FE056278.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.305	6.938	343785	2.455	300	ug/ml
Aliphatic C12-C16	6.939	10.388	1013103	6.605	200	ug/ml
Aliphatic C16-C21	10.389	13.765	1705628	10.282	300	ug/ml
Aliphatic C21-C28	13.766	17.434	4663486	31.398	400	ug/ml
Aliphatic C28-C40	17.435	22.434	83541957	613.143	600	ug/ml
Aliphatic EPH	3.305	22.434	91267959	663.884		ug/ml
ortho-Terphenyl (SURR)	12.062	12.062	4524703	24.11		ug/ml
1-chlorooctadecane (SURR)	13.498	13.498	3404429	24.39		ug/ml
Aliphatic C9-C28	3.305	17.434	7726002	50.74	1200	ug/ml