

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	SDG No.:	Q3319
Lab Sample ID:	Q3319-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.08 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 9:06	PB170039

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	74.7		5	6.65	11.3	mg/kg	FE056294.D
Aliphatic C9-C28	Aliphatic C9-C28	6.14		1	1.03	4.51	mg/kg	FE056277.D
Total AliphaticEPH	Total AliphaticEPH	80.8			7.68	15.8	mg/kg	
Total EPH	Total EPH	80.8			7.68	15.8	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
FE056277.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	6.14		1.03	4.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.4	E	1.33	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.6		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.2		40 - 140	48%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3319-01	Acq On:	09 Oct 2025 16:53
Client Sample ID:	OK-01-100825	Operator:	YP\AJ
Data file:	FE056277.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	3.305	6.938	381683	2.726	300	ug/ml
Aliphatic C12-C16	6.939	10.388	1234358	8.048	200	ug/ml
Aliphatic C16-C21	10.389	13.765	2904176	17.508	300	ug/ml
Aliphatic C21-C28	13.766	17.434	7928273	53.379	400	ug/ml
Aliphatic C28-C40	17.435	22.434	127733230	937.478	600	ug/ml
Aliphatic EPH	3.305	22.434	140181720	1020		ug/ml
ortho-Terphenyl (SURR)	12.061	12.061	4533141	24.16		ug/ml
1-chlorooctadecane (SURR)	13.498	13.498	3573649	25.61		ug/ml
Aliphatic C9-C28	3.305	17.434	12448490	81.661	1200	ug/ml