

Report of Analysis

Client:	PSEG	Date Collected:	06/03/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	06/03/25
Client Sample ID:	OK-01-060325-E2	SDG No.:	Q2195
Lab Sample ID:	Q2195-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
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
06/04/25 11:45	06/05/25 14:11	PB168287

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.46		1	1.29	2.18	mg/kg	FE054191.D
Aliphatic C9-C28	Aliphatic C9-C28	2.33	J	1	0.99	4.36	mg/kg	FE054191.D
Total AliphaticEPH	Total AliphaticEPH	8.79			2.28	6.54	mg/kg	
Total EPH	Total EPH	8.79			2.28	6.54	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
FE054191.D	1	06/04/25	06/05/25	PB168287

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2.33	J	0.99	4.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.46		1.29	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.2		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2195-02	Acq On:	05 Jun 2025 14:11
Client Sample ID:	OK-01-060325-E2	Operator:	YP\AJ
Data file:	FE054191.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.084	6.729	201627	1.487	300	ug/ml
Aliphatic C12-C16	6.730	10.176	421793	3.126	200	ug/ml
Aliphatic C16-C21	10.177	13.550	3806753	28.859	300	ug/ml
Aliphatic C21-C28	13.551	17.218	462265	3.723	400	ug/ml
Aliphatic C28-C40	17.219	22.088	10261407	88.897	600	ug/ml
Aliphatic EPH	3.084	22.088	15153845	126.091		ug/ml
ortho-Terphenyl (SURR)	11.836	11.836	4262922	26.23		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	3348459	28.25		ug/ml
Aliphatic C9-C28	3.084	17.218	4892438	37.195	1200	ug/ml