

Report of Analysis

Client:	PSEG	Date Collected:	07/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	07/22/25
Client Sample ID:	OK-03-07222025-E2	SDG No.:	Q2677
Lab Sample ID:	Q2677-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/23/25 11:20	07/23/25 23:26	PB168980

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	31.1		1	1.22	2.07	mg/kg	FE055003.D
Aliphatic C9-C28	Aliphatic C9-C28	14.1		1	0.94	4.13	mg/kg	FE055003.D
Total AliphaticEPH	Total AliphaticEPH	45.2			2.16	6.20	mg/kg	
Total EPH	Total EPH	45.2			2.16	6.20	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
FE055003.D	1	07/23/25	07/23/25	PB168980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	14.1		0.94	4.13	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.1		1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.5		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2677-04	Acq On:	23 Jul 2025 23:26
Client Sample ID:	OK-03-07222025-E2	Operator:	YP\AJ
Data file:	FE055003.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.958	493315	3.626	300	ug/ml
Aliphatic C12-C16	6.959	10.410	2579460	18.35	200	ug/ml
Aliphatic C16-C21	10.411	13.488	10186168	70.544	300	ug/ml
Aliphatic C21-C28	13.489	17.459	16244993	112.304	400	ug/ml
Aliphatic C28-C40	17.460	22.481	62553683	451.171	600	ug/ml
Aliphatic EPH	3.325	22.481	92057619	655.995		ug/ml
ortho-Terphenyl (SURR)	12.090	12.090	4182372	25.75		ug/ml
1-chlorooctadecane (SURR)	13.526	13.526	3470503	27.48		ug/ml
Aliphatic C9-C28	3.325	17.459	29503936	204.824	1200	ug/ml