

Report of Analysis

Client:	PSEG	Date Collected:	03/14/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025-E2	SDG No.:	Q1585
Lab Sample ID:	Q1585-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/17/25 09:40	03/17/25 19:28	PB167158

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	34.7		1	1.24	2.10	mg/kg	FE052829.D
Aliphatic C9-C28	Aliphatic C9-C28	23.5		1	0.96	4.20	mg/kg	FE052829.D
Total AliphaticEPH	Total AliphaticEPH	58.2			2.20	6.30	mg/kg	
Total EPH	Total EPH	58.2			2.20	6.30	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
FE052829.D	1	03/17/25	03/17/25	PB167158

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	23.5		0.96	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.7		1.24	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.3		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1585-02	Acq On:	17 Mar 2025 19:28
Client Sample ID:	OK-02-03142025-E2	Operator:	YP\AJ
Data file:	FE052829.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.791	1377139	8.831	300	ug/ml
Aliphatic C12-C16	6.792	10.243	8493259	55.841	200	ug/ml
Aliphatic C16-C21	10.244	13.622	20944692	142.92	300	ug/ml
Aliphatic C21-C28	13.623	17.297	18223631	127.928	400	ug/ml
Aliphatic C28-C40	17.298	22.224	63294337	496.079	600	ug/ml
Aliphatic EPH	3.148	22.224	112333058	831.599		ug/ml
ortho-Terphenyl (SURR)	11.912	11.912	5297805	31.42		ug/ml
1-chlorooctadecane (SURR)	13.357	13.357	4411325	36.33		ug/ml
Aliphatic C9-C28	3.148	17.297	49038721	335.52	1200	ug/ml