

Report of Analysis

Client:	PSEG	Date Collected:	08/28/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	08/28/25
Client Sample ID:	OK-01-082825	SDG No.:	Q2973
Lab Sample ID:	Q2973-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
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
08/29/25 09:45	09/02/25 12:45	PB169462

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	165		10	12.4	21.0	mg/kg FE055619.D
Aliphatic C9-C28	Aliphatic C9-C28	17.5		1	0.95	4.20	mg/kg FE055599.D
Total AliphaticEPH	Total AliphaticEPH	183			13.4	25.2	mg/kg
Total EPH	Total EPH	183			13.4	25.2	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
FE055599.D	1	08/29/25	08/29/25	PB169462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	17.5		0.95	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	149	E	1.24	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.0		40 - 140	68%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2973-01	Acq On:	29 Aug 2025 16:03
Client Sample ID:	OK-01-082825	Operator:	YP\AJ
Data file:	FE055599.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.313	6.947	655584	5.106	300	ug/ml
Aliphatic C12-C16	6.948	10.399	2308347	17.087	200	ug/ml
Aliphatic C16-C21	10.400	13.777	9032730	62.633	300	ug/ml
Aliphatic C21-C28	13.778	17.448	23728781	165.662	400	ug/ml
Aliphatic C28-C40	17.449	22.462	295335034	2140	600	ug/ml
Aliphatic EPH	3.313	22.462	331060476	2390		ug/ml
ortho-Terphenyl (SURR)	12.077	12.077	5592705	34.04		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4689981	37.51		ug/ml
Aliphatic C9-C28	3.313	17.448	35725442	250.488	1200	ug/ml