

Report of Analysis

Client:	PSEG	Date Collected:	10/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	10/22/25
Client Sample ID:	EO-02-10222025	SDG No.:	Q3431
Lab Sample ID:	Q3431-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.01 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/23/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	40.2		1	1.31	2.21	mg/kg	FE056463.D	10/23/25 15:18	PB170229
Aliphatic C9-C28	Aliphatic C9-C28	5.58		1	1.01	4.44	mg/kg	FE056463.D	10/23/25 15:18	PB170229
Total AliphaticEPH	Total AliphaticEPH	45.8			2.32	6.65	mg/kg			
Total EPH	Total EPH	45.8			2.32	6.65	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

Report of Analysis

Client:	PSEG	Date Collected:	10/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	10/22/25
Client Sample ID:	EO-02-10222025	SDG No.:	Q3431
Lab Sample ID:	Q3431-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.01 g	Final Vol:	2000 uL
Prep Method :		Prep Date	10/23/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	5.58	1		1.01	4.44	mg/kg	10/23/25	PB170229
Aliphatic C28-C40	Aliphatic C28-C40	40.2	1		1.31	2.21	mg/kg	10/23/25	PB170229
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	29.0			40 - 140	58%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	27.3			40 - 140	55%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3431-01	Acq On:	23 Oct 2025 15:18
Client Sample ID:	EO-02-10222025	Operator:	YP\AJ
Data file:	FE056463.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.294	6.921	555054	3.362	300	ug/ml
Aliphatic C12-C16	6.922	10.373	1674128	9.816	200	ug/ml
Aliphatic C16-C21	10.374	13.751	3156562	17.67	300	ug/ml
Aliphatic C21-C28	13.752	17.422	8027694	44.825	400	ug/ml
Aliphatic C28-C40	17.423	22.413	75609174	544.724	600	ug/ml
Aliphatic EPH	3.294	22.413	89022612	620.398		ug/ml
ortho-Terphenyl (SURR)	12.048	12.048	5586313	27.34		ug/ml
1-chlorooctadecane (SURR)	13.485	13.485	4429097	29.03		ug/ml
Aliphatic C9-C28	3.294	17.422	13413438	75.673	1200	ug/ml