

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	OK-01-091725MS	SDG No.:	Q3126
Lab Sample ID:	Q3126-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.4
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
09/19/25 08:55	09/19/25 15:55	PB169750

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	276			2.16	6.20	mg/kg
Total EPH	Total EPH	276			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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016411.D	1	09/19/25	09/19/25	PB169750

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	114	E	0.94	4.13	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	162	E	1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.5		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.0		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3126-01MS	Acq On:	19 Sep 2025 15:55
Client Sample ID:	Q3126-01MS	Operator:	YP\AJ
Data file:	FF016411.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.229	6.868	22977934	193.963	300	ug/ml
Aliphatic C12-C16	6.869	10.310	38484174	313.661	200	ug/ml
Aliphatic C16-C21	10.311	13.683	66849854	521.763	300	ug/ml
Aliphatic C21-C28	13.684	17.354	78845070	627.734	400	ug/ml
Aliphatic C28-C40	17.355	22.324	238871709	2350	600	ug/ml
Aliphatic EPH	3.229	22.324	446028741	4010		ug/ml
ortho-Terphenyl (SURR)	11.982	11.982	3899761	26.96		ug/ml
1-chlorooctadecane (SURR)	13.421	13.421	3514359	31.51		ug/ml
Aliphatic C9-C28	3.229	17.354	207157032	1660	1200	ug/ml