

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	OK-01-091725MSD	SDG No.:	Q3126
Lab Sample ID:	Q3126-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.4
Sample Wt/Vol:	30.02 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 16:24	PB169750

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	272			2.16	6.22	mg/kg
Total EPH	Total EPH	272			2.16	6.22	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
FF016412.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	111	E	0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	161	E	1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.5		40 - 140	53%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3126-01MSD	Acq On:	19 Sep 2025 16:24
Client Sample ID:	Q3126-01MSD	Operator:	YP\AJ
Data file:	FF016412.D	Misc:	
Instrument:	FID_F	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.229	6.868	22494296	189.881	300	ug/ml
Aliphatic C12-C16	6.869	10.310	37695977	307.237	200	ug/ml
Aliphatic C16-C21	10.311	13.683	62079200	484.528	300	ug/ml
Aliphatic C21-C28	13.684	17.354	77805092	619.454	400	ug/ml
Aliphatic C28-C40	17.355	22.324	238029935	2340	600	ug/ml
Aliphatic EPH	3.229	22.324	438104500	3940		ug/ml
ortho-Terphenyl (SURR)	11.982	11.982	3836126	26.52		ug/ml
1-chlorooctadecane (SURR)	13.423	13.423	3449373	30.92		ug/ml
Aliphatic C9-C28	3.229	17.354	200074565	1600	1200	ug/ml