

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	
Client Sample ID:	PB169750BSD	SDG No.:	Q3126
Lab Sample ID:	PB169750BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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 14:26	PB169750

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	32.2		1	1.18	2.00	mg/kg	FF016408.D
Aliphatic C9-C28	Aliphatic C9-C28	87.6	E	1	0.91	4.00	mg/kg	FF016408.D
Total AliphaticEPH	Total AliphaticEPH	120			2.09	6.00	mg/kg	
Total EPH	Total EPH	120			2.09	6.00	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
FF016408.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	87.6	E	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.0		40 - 140	78%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169750BSD	Acq On:	19 Sep 2025 14:26
Client Sample ID:	PB169750BSD	Operator:	YP\AJ
Data file:	FF016408.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.229	6.868	29041153	245.145	300	ug/ml
Aliphatic C12-C16	6.869	10.310	37155006	302.827	200	ug/ml
Aliphatic C16-C21	10.311	13.683	44206919	345.035	300	ug/ml
Aliphatic C21-C28	13.684	17.354	52920558	421.333	400	ug/ml
Aliphatic C28-C40	17.355	22.324	49059435	482.507	600	ug/ml
Aliphatic EPH	3.229	22.324	212383071	1800		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	5645858	39.04		ug/ml
1-chlorooctadecane (SURR)	13.416	13.416	4489737	40.25		ug/ml
Aliphatic C9-C28	3.229	17.354	163323636	1310	1200	ug/ml