

Report of Analysis

Client:	PSEG	Date Collected:	04/18/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	04/18/25
Client Sample ID:	OK-04-04182025	SDG No.:	Q1840
Lab Sample ID:	Q1840-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.8
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
04/21/25 08:20	04/22/25 10:08	PB167658

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	46.5		2	2.60	4.40	mg/kg	FE053459.D
Aliphatic C9-C28	Aliphatic C9-C28	5.00		1	1.00	4.40	mg/kg	FE053452.D
Total AliphaticEPH	Total AliphaticEPH	51.5			3.60	8.80	mg/kg	
Total EPH	Total EPH	51.5			3.60	8.80	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
FE053452.D	1	04/21/25	04/21/25	PB167658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.00		1.00	4.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	48.4	E	1.30	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.5		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.2		40 - 140	50%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1840-01	Acq On:	21 Apr 2025 21:34
Client Sample ID:	OK-04-04182025	Operator:	YP\AJ
Data file:	FE053452.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.124	6.766	449991	3.248	300	ug/ml
Aliphatic C12-C16	6.767	10.216	973858	6.868	200	ug/ml
Aliphatic C16-C21	10.217	13.591	1578866	10.861	300	ug/ml
Aliphatic C21-C28	13.592	17.262	6705858	47.166	400	ug/ml
Aliphatic C28-C40	17.263	22.159	85149894	659.825	600	ug/ml
Aliphatic EPH	3.124	22.159	94858467	727.968		ug/ml
ortho-Terphenyl (SURR)	11.875	11.875	4538918	25.17		ug/ml
1-chlorooctadecane (SURR)	13.321	13.321	3444026	25.48		ug/ml
Aliphatic C9-C28	3.124	17.262	9708573	68.143	1200	ug/ml