

Report of Analysis

Client:	PSEG	Date Collected:	03/14/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025	SDG No.:	Q1585
Lab Sample ID:	Q1585-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/17/25 09:40	03/17/25 17:28	PB167158

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	39.7		1	1.21	2.06	mg/kg FE052825.D
Aliphatic C9-C28	Aliphatic C9-C28	10.4		1	0.94	4.12	mg/kg FE052825.D
Total AliphaticEPH	Total AliphaticEPH	50.1			2.15	6.17	mg/kg
Total EPH	Total EPH	50.1			2.15	6.17	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:	03/14/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	03/14/25
Client Sample ID:	OK-02-03142025	SDG No.:	Q1585
Lab Sample ID:	Q1585-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052825.D	1	03/17/25	03/17/25	PB167158

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.4		0.94	4.12	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	39.7		1.21	2.06	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.9		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.8		40 - 140	66%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1585-01	Acq On:	17 Mar 2025 17:28
Client Sample ID:	OK-02-03142025	Operator:	YP\AJ
Data file:	FE052825.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.148	6.791	1128766	7.238	300	ug/ml
Aliphatic C12-C16	6.792	10.243	3509665	23.075	200	ug/ml
Aliphatic C16-C21	10.244	13.622	8140042	55.545	300	ug/ml
Aliphatic C21-C28	13.623	17.297	9458962	66.401	400	ug/ml
Aliphatic C28-C40	17.298	22.224	73952094	579.611	600	ug/ml
Aliphatic EPH	3.148	22.224	96189529	731.871		ug/ml
ortho-Terphenyl (SURR)	11.911	11.911	5534282	32.83		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4357020	35.88		ug/ml
Aliphatic C9-C28	3.148	17.297	22237435	152.259	1200	ug/ml