

Report of Analysis

Client:	PSEG	Date Collected:	12/23/24
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	12/23/24
Client Sample ID:	OK-02-12232024-E2	SDG No.:	P5383
Lab Sample ID:	P5383-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/26/24 09:10	12/26/24 13:58	PB165846

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	17.8		1	1.88	2.09	mg/kg	FE051764.D
Aliphatic C9-C28	Aliphatic C9-C28	3.86	J	1	1.80	4.17	mg/kg	FE051764.D
Total AliphaticEPH	Total AliphaticEPH	21.7			3.68	6.26	mg/kg	
Total EPH	Total EPH	21.7			3.68	6.26	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:	12/23/24
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	12/23/24
Client Sample ID:	OK-02-12232024-E2	SDG No.:	P5383
Lab Sample ID:	P5383-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.5
Sample Wt/Vol:	30.08 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
FE051764.D	1	12/26/24	12/26/24	PB165846

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.86	J	1.80	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.8		1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.0		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5383-02	Acq On:	26 Dec 2024 13:58
Client Sample ID:	OK-02-12232024-E2	Operator:	YP\AJ
Data file:	FE051764.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.386	6.959	727040	5.828	300	ug/ml
Aliphatic C12-C16	6.960	10.368	1547748	11.175	200	ug/ml
Aliphatic C16-C21	10.369	13.713	2462833	17.048	300	ug/ml
Aliphatic C21-C28	13.714	17.349	2908676	21.335	400	ug/ml
Aliphatic C28-C40	17.350	22.245	27725723	255.382	600	ug/ml
Aliphatic EPH	3.386	22.245	35372020	310.768		ug/ml
ortho-Terphenyl (SURR)	12.030	12.030	4982954	31.04		ug/ml
1-chlorooctadecane (SURR)	13.453	13.453	4033110	31.97		ug/ml
Aliphatic C9-C28	3.386	17.349	7646297	55.386	1200	ug/ml