

Report of Analysis

Client:	PSEG	Date Collected:	01/31/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	01/31/25
Client Sample ID:	OK-02-01312025-E2	SDG No.:	Q1254
Lab Sample ID:	Q1254-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.7
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
02/01/25 09:31	02/04/25 9:40	PB166469

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	268		10	18.8	20.9	mg/kg FF015454.D
Aliphatic C9-C28	Aliphatic C9-C28	24.0		1	1.80	4.17	mg/kg FF015437.D
Total AliphaticEPH	Total AliphaticEPH	292			20.6	25.1	mg/kg
Total EPH	Total EPH	292			20.6	25.1	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:	01/31/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	01/31/25
Client Sample ID:	OK-02-01312025-E2	SDG No.:	Q1254
Lab Sample ID:	Q1254-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.7
Sample Wt/Vol:	30.01 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
FF015437.D	1	02/01/25	02/03/25	PB166469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	24.0		1.80	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	244	E	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.2		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.7		40 - 140	53%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1254-02	Acq On:	03 Feb 2025 15:16
Client Sample ID:	OK-02-01312025-E2	Operator:	YP\AJ
Data file:	FF015437.D	Misc:	
Instrument:	FID_F	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.835	2054217	15.411	300	ug/ml
Aliphatic C12-C16	6.836	10.270	9299362	67.19	200	ug/ml
Aliphatic C16-C21	10.271	13.640	16866248	116.755	300	ug/ml
Aliphatic C21-C28	13.641	17.307	20570536	144.44	400	ug/ml
Aliphatic C28-C40	17.308	22.219	367680614	3510	600	ug/ml
Aliphatic EPH	3.213	22.219	416470977	3860		ug/ml
ortho-Terphenyl (SURR)	11.939	11.939	4245363	26.7		ug/ml
1-chlorooctadecane (SURR)	13.378	13.378	3763408	30.19		ug/ml
Aliphatic C9-C28	3.213	17.307	48790363	343.796	1200	ug/ml