284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	07/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	07/22/25
Client Sample ID:	OK-02-07222025	SDG No.:	Q2677
Lab Sample ID:	Q2677-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/23/25 11:20	07/24/25 9:57	PB168980

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	23.4		1	1.23	2.09	mg/kg	FC069522.D
Aliphatic C9-C28	Aliphatic C9-C28	4.32		1	0.95	4.17	mg/kg	FC069522.D
Total AliphaticEPH	Total AliphaticEPH	27.7			2.18	6.25	mg/kg	
Total EPH	Total EPH	27.7			2.18	6.25	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
FC069522.D	1	07/23/25	07/24/25	PB168980

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.32		0.95	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	23.4		1.23	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.2		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.5		40 - 140	53%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2677-01	Acq On:	24 Jul 2025 09:57
Client Sample ID:	OK-02-07222025	Operator:	YP/AJ
Data file:	FC069522.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.302	6.601	361856	2.603	300	ug/ml
Aliphatic C12-C16	6.602	10.004	1353324	9.393	200	ug/ml
Aliphatic C16-C21	10.005	13.373	2939694	21.616	300	ug/ml
Aliphatic C21-C28	13.374	17.040	3411185	28.668	400	ug/ml
Aliphatic C28-C40	17.041	22.017	30192267	335.906	600	ug/ml
Aliphatic EPH	3.302	22.017	38258326	398.186		ug/ml
ortho-Terphenyl (SURR)	11.671	11.671	3933157	26.5		ug/ml
1-chlorooctadecane (SURR)	13.107	13.107	3072626	27.19		ug/ml
Aliphatic C9-C28	3.302	17.040	8066059	62.28	1200	ug/ml