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

Report of Analysis

Client:	PSEG	Date Collected:	09/17/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	09/17/25
Client Sample ID:	OK-01-091725	SDG No.:	Q3126
Lab Sample ID:	Q3126-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.4
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
09/19/25 08:55	09/19/25 17:24	PB169750

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	95.2		10	12.2	20.7	mg/kg	FF016414.D
Aliphatic C9-C28	Aliphatic C9-C28	40.5		1	0.94	4.15	mg/kg	FF016409.D
Total AliphaticEPH	Total AliphaticEPH	136			13.1	24.9	mg/kg	
Total EPH	Total EPH	136			13.1	24.9	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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Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016409.D	1	09/19/25	09/19/25	PB169750

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		40.5		0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		95.4	E	1.22	2.07	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		36.1		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		31.8		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3126-01	Acq On:	19 Sep 2025 14:55
Client Sample ID:	OK-01-091725	Operator:	YP\AJ
Data file:	FF016409.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.229	6.868	900492	7.601	300	ug/ml
Aliphatic C12-C16	6.869	10.310	6485836	52.862	200	ug/ml
Aliphatic C16-C21	10.311	13.683	29823624	232.773	300	ug/ml
Aliphatic C21-C28	13.684	17.354	36808499	293.055	400	ug/ml
Aliphatic C28-C40	17.355	22.324	140607808	1380	600	ug/ml
Aliphatic EPH	3.229	22.324	214626259	1970		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	4594281	31.77		ug/ml
1-chlorooctadecane (SURR)	13.416	13.416	4030077	36.13		ug/ml
Aliphatic C9-C28	3.229	17.354	74018451	586.291	1200	ug/ml