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-E2	SDG No.:	Q3126
Lab Sample ID:	Q3126-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94
Sample Wt/Vol:	30.05 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 17:54	PB169750

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	171		10	12.5	21.2	mg/kg	FF016415.D
Aliphatic C9-C28	Aliphatic C9-C28	43.5		1	0.97	4.25	mg/kg	FF016413.D
Total AliphaticEPH	Total AliphaticEPH	214			13.5	25.4	mg/kg	
Total EPH	Total EPH	214			13.5	25.4	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
FF016413.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	43.5		0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	148	E	1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.0		40 - 140	46%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3126-02	Acq On:	19 Sep 2025 16:54
Client Sample ID:	OK-01-091725-E2	Operator:	YP\AJ
Data file:	FF016413.D	Misc:	
Instrument:	FID_F	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.229	6.868	624302	5.27	300	ug/ml
Aliphatic C12-C16	6.869	10.310	4344433	35.409	200	ug/ml
Aliphatic C16-C21	10.311	13.683	32436768	253.169	300	ug/ml
Aliphatic C21-C28	13.684	17.354	40180591	319.902	400	ug/ml
Aliphatic C28-C40	17.355	22.324	213049238	2100	600	ug/ml
Aliphatic EPH	3.229	22.324	290635332	2710		ug/ml
ortho-Terphenyl (SURR)	11.982	11.982	3325737	22.99		ug/ml
1-chlorooctadecane (SURR)	13.424	13.424	3338015	29.93		ug/ml
Aliphatic C9-C28	3.229	17.354	77586094	613.75	1200	ug/ml