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

Report of Analysis

Client:	PSEG	Date Collected:	04/14/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	04/14/25
Client Sample ID:	OK-02-041425-E2	SDG No.:	Q1807
Lab Sample ID:	Q1807-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/15/25 09:03	04/15/25 17:42	PB167597

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	16.1		1	1.30	2.20	mg/kg	FC068615.D
Aliphatic C9-C28	Aliphatic C9-C28	3.37	J	1	1.00	4.41	mg/kg	FC068615.D
Total AliphaticEPH	Total AliphaticEPH	19.5			2.30	6.61	mg/kg	
Total EPH	Total EPH	19.5			2.30	6.61	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
FC068615.D	1	04/15/25	04/15/25	PB167597

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.37	J	1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		16.1		1.30	2.20	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		44.8		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		43.6		40 - 140	87%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1807-02	Acq On:	15 Apr 2025 17:42
Client Sample ID:	OK-02-041425-E2	Operator:	YP/AJ
Data file:	FC068615.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.346	6.650	422839	4.016	300	ug/ml
Aliphatic C12-C16	6.651	10.053	1091563	10.668	200	ug/ml
Aliphatic C16-C21	10.054	13.422	1282672	12.98	300	ug/ml
Aliphatic C21-C28	13.423	17.088	1714010	18.198	400	ug/ml
Aliphatic C28-C40	17.089	22.107	19648042	218.596	600	ug/ml
Aliphatic EPH	3.346	22.107	24159126	264.459		ug/ml
ortho-Terphenyl (SURR)	11.723	11.723	5553008	43.61		ug/ml
1-chlorooctadecane (SURR)	13.157	13.157	4164515	44.83		ug/ml
Aliphatic C9-C28	3.346	17.088	4511084	45.862	1200	ug/ml