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

Report of Analysis

Client:	PSEG	Date Collected:	03/21/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	03/21/25
Client Sample ID:	OK-01-03212025-E2	SDG No.:	Q1624
Lab Sample ID:	Q1624-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
03/24/25 08:18	03/24/25 18:10	PB167270

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	17.4		1	1.35	2.29	mg/kg	FE052947.D
Aliphatic C9-C28	Aliphatic C9-C28	2.77	J	1	1.04	4.57	mg/kg	FE052947.D
Total AliphaticEPH	Total AliphaticEPH	20.2			2.39	6.86	mg/kg	
Total EPH	Total EPH	20.2			2.39	6.86	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
FE052947.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.77	J	1.04	4.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		17.4		1.35	2.29	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		31.9		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		31.9		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1624-02	Acq On:	24 Mar 2025 18:10
Client Sample ID:	OK-01-03212025-E2	Operator:	YP\AJ
Data file:	FE052947.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	1311680	8.411	300	ug/ml
Aliphatic C12-C16	6.792	10.244	915692	6.02	200	ug/ml
Aliphatic C16-C21	10.245	13.623	899088	6.135	300	ug/ml
Aliphatic C21-C28	13.624	17.297	2231687	15.666	400	ug/ml
Aliphatic C28-C40	17.298	22.225	29060665	227.768	600	ug/ml
Aliphatic EPH	3.147	22.225	34418812	264		ug/ml
ortho-Terphenyl (SURR)	11.910	11.910	5379534	31.91		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	3876314	31.92		ug/ml
Aliphatic C9-C28	3.147	17.297	5358147	36.232	1200	ug/ml