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

Report of Analysis

Client:	PSEG	Date Collected:	04/04/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	04/04/25
Client Sample ID:	OK-02-040425	SDG No.:	Q1738
Lab Sample ID:	Q1738-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.1
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/07/25 09:41	04/08/25 9:38	PB167476

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	52.2		2	2.74	4.64	mg/kg	FE053232.D
Aliphatic C9-C28	Aliphatic C9-C28	3.32	J	1	1.06	4.64	mg/kg	FE053220.D
Total AliphaticEPH	Total AliphaticEPH	55.5			3.80	9.28	mg/kg	
Total EPH	Total EPH	55.5			3.80	9.28	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
FE053220.D	1	04/07/25	04/07/25	PB167476

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.32	J	1.06	4.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		52.4	E	1.37	2.32	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		25.8		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		25.5		40 - 140	51%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1738-01	Acq On:	07 Apr 2025 19:23
Client Sample ID:	OK-02-040425	Operator:	YP\AJ
Data file:	FE053220.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.782	798605	5.118	300	ug/ml
Aliphatic C12-C16	6.783	10.234	878967	5.721	200	ug/ml
Aliphatic C16-C21	10.235	13.611	1338598	9.274	300	ug/ml
Aliphatic C21-C28	13.612	17.285	3046552	22.677	400	ug/ml
Aliphatic C28-C40	17.286	22.200	84139867	677.146	600	ug/ml
Aliphatic EPH	3.140	22.200	90202589	719.936		ug/ml
ortho-Terphenyl (SURR)	11.897	11.897	4156785	25.52		ug/ml
1-chlorooctadecane (SURR)	13.343	13.343	3092283	25.76		ug/ml
Aliphatic C9-C28	3.140	17.285	6062722	42.79	1200	ug/ml