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

Report of Analysis

Client:	PSEG	Date Collected:	07/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	07/22/25
Client Sample ID:	OK-02-07222025-E2	SDG No.:	Q2677
Lab Sample ID:	Q2677-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/23/25 11:20	07/24/25 10:41	PB168980

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	15.3		1	1.21	2.05	mg/kg	FC069523.D
Aliphatic C9-C28	Aliphatic C9-C28	0.93	U	1	0.93	4.11	mg/kg	FC069523.D
Total AliphaticEPH	Total AliphaticEPH	15.3			2.14	6.16	mg/kg	
Total EPH	Total EPH	15.3			2.14	6.16	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

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

Report of Analysis

Client:	PSEG	Date Collected:	07/22/25
Project:	Oakland Gas and Appliance Service MA00006789	Date Received:	07/22/25
Client Sample ID:	OK-02-07222025-E2	SDG No.:	Q2677
Lab Sample ID:	Q2677-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069523.D	1	07/23/25	07/24/25	PB168980

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		0.000	U	0.93	4.11	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		15.3		1.21	2.05	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		33.3		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		31.9		40 - 140	64%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2677-02	Acq On:	24 Jul 2025 10:41
Client Sample ID:	OK-02-07222025-E2	Operator:	YP/AJ
Data file:	FC069523.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.302	6.601	390486	2.809	300	ug/ml
Aliphatic C12-C16	6.602	10.004	562762	3.906	200	ug/ml
Aliphatic C16-C21	10.005	13.373	563471	4.143	300	ug/ml
Aliphatic C21-C28	13.374	17.040	877347	7.373	400	ug/ml
Aliphatic C28-C40	17.041	22.017	20154403	224.229	600	ug/ml
Aliphatic EPH	3.302	22.017	22548469	242.461		ug/ml
ortho-Terphenyl (SURR)	11.673	11.673	4730939	31.88		ug/ml
1-chlorooctadecane (SURR)	13.109	13.109	3757130	33.25		ug/ml
Aliphatic C9-C28	3.302	17.040	2394066	18.231	1200	ug/ml