

Report of Analysis

Client:	PSEG	Date Collected:	12/01/25
Project:	PSEG- EAST ORANGE GAS	Date Received:	12/01/25
Client Sample ID:	FENCE WC-2	SDG No.:	Q3750
Lab Sample ID:	Q3750-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.5
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	12/02/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	13.4		1	1.36	2.31	mg/kg	FE057146.D	12/03/25 4:00	PB170789
Aliphatic C9-C28	Aliphatic C9-C28	6.03		1	1.05	4.61	mg/kg	FE057146.D	12/03/25 4:00	PB170789
Total AliphaticEPH	Total AliphaticEPH	19.4			2.41	6.92	mg/kg			
Total EPH	Total EPH	19.4			2.41	6.92	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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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	6.03	1		1.05	4.61	mg/kg	12/03/25	PB170789
Aliphatic C28-C40	Aliphatic C28-C40	13.4	1		1.36	2.31	mg/kg	12/03/25	PB170789
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	22.6			40 - 140	45%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	25.6			40 - 140	51%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3750-04	Acq On:	03 Dec 2025 04:00
Client Sample ID:	FENCE WC-2	Operator:	YP\AJ
Data file:	FE057146.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.199	6.825	393773	1.962	300	ug/ml
Aliphatic C12-C16	6.826	10.272	1954494	9.62	200	ug/ml
Aliphatic C16-C21	10.273	13.646	5512517	27.797	300	ug/ml
Aliphatic C21-C28	13.647	17.317	8136964	40.941	400	ug/ml
Aliphatic C28-C40	17.318	22.251	34724673	173.71	600	ug/ml
Aliphatic EPH	3.199	22.251	50722421	254.03		ug/ml
ortho-Terphenyl (SURR)	11.937	11.937	5625367	25.63		ug/ml
1-chlorooctadecane (SURR)	13.374	13.374	3768421	22.64		ug/ml
Aliphatic C9-C28	3.199	17.317	15997748	80.32	1200	ug/ml