

Report of Analysis

Client:	PSEG	Date Collected:	08/07/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	08/07/25
Client Sample ID:	TR-04-080725-E2	SDG No.:	Q2801
Lab Sample ID:	Q2801-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
08/08/25 09:37	08/11/25 10:37	PB169177

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	80.1		2	2.56	4.34	mg/kg FE055226.D
Aliphatic C9-C28	Aliphatic C9-C28	120		2	1.98	8.68	mg/kg FE055226.D
Total AliphaticEPH	Total AliphaticEPH	200			4.54	13.0	mg/kg
Total EPH	Total EPH	200			4.54	13.0	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

Report of Analysis

Client:	PSEG	Date Collected:	08/07/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	08/07/25
Client Sample ID:	TR-04-080725-E2	SDG No.:	Q2801
Lab Sample ID:	Q2801-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.9
Sample Wt/Vol:	30.08 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
FE055216.D	1	08/08/25	08/08/25	PB169177

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	113	E	0.99	4.35	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	88.0	E	1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	58.7		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.6		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2801-02	Acq On:	08 Aug 2025 17:49
Client Sample ID:	TR-04-080725-E2	Operator:	YP\AJ
Data file:	FE055216.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.960	1962670	16.806	300	ug/ml
Aliphatic C12-C16	6.961	10.413	24078387	192.278	200	ug/ml
Aliphatic C16-C21	10.414	13.792	87838937	694.901	300	ug/ml
Aliphatic C21-C28	13.793	17.464	78715368	653.209	400	ug/ml
Aliphatic C28-C40	17.465	22.492	138705435	1220	600	ug/ml
Aliphatic EPH	3.325	22.492	331300797	2770		ug/ml
ortho-Terphenyl (SURR)	12.088	12.088	4803199	33.63		ug/ml
1-chlorooctadecane (SURR)	13.524	13.524	6314319	58.72		ug/ml
Aliphatic C9-C28	3.325	17.464	192595362	1560	1200	ug/ml