

Report of Analysis

Client:	PSEG	Date Collected:	07/31/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	07/31/25
Client Sample ID:	TR-05-07312025-E2	SDG No.:	Q2741
Lab Sample ID:	Q2741-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
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
08/01/25 12:35	08/01/25 19:07	PB169089

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	45.0		1	1.34	2.26	mg/kg FE055115.D
Aliphatic C9-C28	Aliphatic C9-C28	29.3		1	1.03	4.52	mg/kg FE055115.D
Total AliphaticEPH	Total AliphaticEPH	74.3			2.37	6.78	mg/kg
Total EPH	Total EPH	74.3			2.37	6.78	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:	07/31/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	07/31/25
Client Sample ID:	TR-05-07312025-E2	SDG No.:	Q2741
Lab Sample ID:	Q2741-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.06 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
FE055115.D	1	08/01/25	08/01/25	PB169089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	29.3		1.03	4.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.0		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.6		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.2		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2741-02	Acq On:	01 Aug 2025 19:07
Client Sample ID:	TR-05-07212025-E2	Operator:	YP\AJ
Data file:	FE055115.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.522	6.957	2558895	21.912	300	ug/ml
Aliphatic C12-C16	6.958	10.409	18644084	148.882	200	ug/ml
Aliphatic C16-C21	10.410	13.787	23170144	183.301	300	ug/ml
Aliphatic C21-C28	13.788	17.458	4159316	34.516	400	ug/ml
Aliphatic C28-C40	17.459	22.480	68011915	596.663	600	ug/ml
Aliphatic EPH	3.522	22.480	116544354	985.273		ug/ml
ortho-Terphenyl (SURR)	12.085	12.085	3889113	27.23		ug/ml
1-chlorooctadecane (SURR)	13.522	13.522	3078274	28.63		ug/ml
Aliphatic C9-C28	3.522	17.458	48532439	388.611	1200	ug/ml