

Report of Analysis

Client:	PSEG	Date Collected:	10/03/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	10/03/25
Client Sample ID:	TR-01-100325-E2	SDG No.:	Q3288
Lab Sample ID:	Q3288-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
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
10/06/25 08:00	10/06/25 19:35	PB169990

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1	1.31	2.23	mg/kg FE056207.D
Aliphatic C9-C28	Aliphatic C9-C28	24.9		1	1.01	4.44	mg/kg FE056207.D
Total AliphaticEPH	Total AliphaticEPH	45.3			2.32	6.67	mg/kg
Total EPH	Total EPH	45.3			2.32	6.67	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:	10/03/25
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	10/03/25
Client Sample ID:	TR-01-100325-E2	SDG No.:	Q3288
Lab Sample ID:	Q3288-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.6
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
FE056207.D	1	10/06/25	10/06/25	PB169990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	24.9		1.01	4.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.4		1.31	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.1		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3288-02	Acq On:	06 Oct 2025 19:35
Client Sample ID:	TR-01-100325-E2	Operator:	YP\AJ
Data file:	FE056207.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	866712	6.19	300	ug/ml
Aliphatic C12-C16	6.946	10.396	3873414	25.254	200	ug/ml
Aliphatic C16-C21	10.397	13.775	20448849	123.275	300	ug/ml
Aliphatic C21-C28	13.776	17.444	26849879	180.774	400	ug/ml
Aliphatic C28-C40	17.445	22.453	37442030	274.8	600	ug/ml
Aliphatic EPH	3.311	22.453	89480884	610.293		ug/ml
ortho-Terphenyl (SURR)	12.071	12.071	5508751	29.36		ug/ml
1-chlorooctadecane (SURR)	13.506	13.506	4760306	34.11		ug/ml
Aliphatic C9-C28	3.311	17.444	52038854	335.493	1200	ug/ml