

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Burlington Laydown	Date Received:	
Client Sample ID:	PB169369BS	SDG No.:	Q2932
Lab Sample ID:	PB169369BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
08/25/25 08:20	08/25/25 18:30	PB169369

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	90.3			2.09	5.99	mg/kg
Total EPH	Total EPH	90.3			2.09	5.99	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:	
Project:	Burlington Gas District	Date Received:	
Client Sample ID:	PB169369BS	SDG No.:	Q2932
Lab Sample ID:	PB169369BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
08/25/25 08:20	08/25/25 18:30	PB169369

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	90.3			2.09	5.99	mg/kg
Total EPH	Total EPH	90.3			2.09	5.99	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.

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Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Burlington Gas District	Date Received:	
Client Sample ID:	PB169369BS	SDG No.:	Q2932
Lab Sample ID:	PB169369BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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
FC069728.D	1	08/25/25	08/25/25	PB169369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	64.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.9		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.0		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169369BS	Acq On:	25 Aug 2025 18:30
Client Sample ID:	PB169369BS	Operator:	YP/AJ
Data file:	FC069728.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.297	6.594	24125957	166.755	300	ug/ml
Aliphatic C12-C16	6.595	9.997	31897347	222.382	200	ug/ml
Aliphatic C16-C21	9.998	13.365	34489239	258.228	300	ug/ml
Aliphatic C21-C28	13.366	17.031	38246329	323.278	400	ug/ml
Aliphatic C28-C40	17.032	22.006	36716297	385.209	600	ug/ml
Aliphatic EPH	3.297	22.006	165475169	1360		ug/ml
ortho-Terphenyl (SURR)	11.666	11.666	5216177	34.96		ug/ml
1-chlorooctadecane (SURR)	13.101	13.101	4021788	36.89		ug/ml
Aliphatic C9-C28	3.297	17.031	128758872	970.643	1200	ug/ml