

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Kuller Road Sub	Date Received:	
Client Sample ID:	PB168080BS	SDG No.:	Q2067
Lab Sample ID:	PB168080BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :	SW3510	Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
05/20/25 08:38	05/20/25 22:36	PB168080

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	171		1	8.28	30.0	ug/l	FC068940.D
Aliphatic C12-C16	Aliphatic C12-C16	147		1	13.5	20.0	ug/l	FC068940.D
Aliphatic C16-C21	Aliphatic C16-C21	252		1	8.34	30.0	ug/l	FC068940.D
Aliphatic C21-C28	Aliphatic C21-C28	343		1	12.5	40.0	ug/l	FC068940.D
Aliphatic C28-C40	Aliphatic C28-C40	515		1	23.8	60.0	ug/l	FC068940.D
Aromatic C10-C12	Aromatic C10-C12	150		1	2.07	20.0	ug/l	FD049360.D
Aromatic C12-C16	Aromatic C12-C16	260		1	4.26	30.0	ug/l	FD049360.D
Aromatic C16-C21	Aromatic C16-C21	517		1	8.27	50.0	ug/l	FD049360.D
Aromatic C21-C36	Aromatic C21-C36	799		1	23.8	80.0	ug/l	FD049360.D
Total AliphaticEPH	Total AliphaticEPH	1430			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1730			38.4	180	ug/l	
Total EPH	Total EPH	3150			105	360	ug/l	

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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Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	2000 uL
		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068940.D	1	05/20/25	05/20/25	PB168080

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	171		8.28	30.0	ug/l
	Aliphatic C12-C16	147		13.5	20.0	ug/l
	Aliphatic C16-C21	252		8.34	30.0	ug/l
	Aliphatic C21-C28	343		12.5	40.0	ug/l
	Aliphatic C28-C40	515		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168080BS	Acq On:	20 May 2025 22:36
Client Sample ID:	PB168080BS	Operator:	YP/AJ
Data file:	FC068940.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.341	6.640	8477657	85.518	300	ug/ml
Aliphatic C12-C16	6.641	10.040	6724656	73.91	200	ug/ml
Aliphatic C16-C21	10.041	13.408	10848605	126.499	300	ug/ml
Aliphatic C21-C28	13.409	17.070	14262557	171.65	400	ug/ml
Aliphatic C28-C40	17.071	22.065	21811581	257.751	600	ug/ml
Aliphatic EPH	3.341	22.065	62125056	715.327		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	2722207	33.93		ug/ml
Aliphatic C9-C28	3.341	17.070	40313475	457.577	1200	ug/ml