

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Lakeside Sub Demo	Date Received:	
Client Sample ID:	PB169161BSD	SDG No.:	Q2759
Lab Sample ID:	PB169161BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	2000 uL
		Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
08/07/25 08:45	08/08/25 12:21	PB169161

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	0	U		0	0	ug/l
Total AromaticEPH	Total AromaticEPH	1420			38.4	180	ug/l
Total EPH	Total EPH	1420			38.4	180	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

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Lakeside Sub Demo	Date Received:	
Client Sample ID:	PB169161BSD	SDG No.:	Q2759
Lab Sample ID:	PB169161BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Prep Method :	SW3510	Final Vol:	2000
		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069617.D	1	08/07/25	08/08/25	PB169161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	178		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	162		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	279		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	395		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	643		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.0		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169161BSD	Acq On:	08 Aug 2025 12:21
Client Sample ID:	PB169161BSD	Operator:	YP/AJ
Data file:	FC069617.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.298	6.596	12886443	89.069	300	ug/ml
Aliphatic C12-C16	6.597	10.000	11674893	81.395	200	ug/ml
Aliphatic C16-C21	10.001	13.369	18693783	139.964	300	ug/ml
Aliphatic C21-C28	13.370	17.034	23392165	197.723	400	ug/ml
Aliphatic C28-C40	17.035	22.011	30657013	321.638	600	ug/ml
Aliphatic EPH	3.298	22.011	97304297	829.789		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.103	13.103	5127570	47.03		ug/ml
Aliphatic C9-C28	3.298	17.034	66647284	508.151	1200	ug/ml