

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	Pennsauken M&R	Date Received:	
Client Sample ID:	PB169974BSD	SDG No.:	Q3263
Lab Sample ID:	PB169974BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
10/03/25 08:38	10/03/25 15:45	PB169974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	163		1	8.28	30.0	ug/l	FC069929.D
Aliphatic C12-C16	Aliphatic C12-C16	64.1		1	13.5	20.0	ug/l	FC069929.D
Aliphatic C16-C21	Aliphatic C16-C21	131		1	8.34	30.0	ug/l	FC069929.D
Aliphatic C21-C28	Aliphatic C21-C28	179		1	12.5	40.0	ug/l	FC069929.D
Aliphatic C28-C40	Aliphatic C28-C40	348		1	23.8	60.0	ug/l	FC069929.D
Aromatic C10-C12	Aromatic C10-C12	139		1	2.07	20.0	ug/l	FD049819.D
Aromatic C12-C16	Aromatic C12-C16	227		1	4.26	30.0	ug/l	FD049819.D
Aromatic C16-C21	Aromatic C16-C21	460		1	8.27	50.0	ug/l	FD049819.D
Aromatic C21-C36	Aromatic C21-C36	784		1	23.8	80.0	ug/l	FD049819.D
Total AliphaticEPH	Total AliphaticEPH	885			66.4	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1610			38.4	180	ug/l	
Total EPH	Total EPH	2500			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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Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069929.D	1	10/03/25	10/03/25	PB169974

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Aliphatic C9-C12	Aliphatic C9-C12	163		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	64.1		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	131		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	179		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	348		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:	PB169974BSD	Acq On:	03 Oct 2025 15:45
Client Sample ID:	PB169974BSD	Operator:	YP/AJ
Data file:	FC069929.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.385	6.479	10913365	81.734	300	ug/ml
Aliphatic C12-C16	8.276	9.879	5022734	32.059	200	ug/ml
Aliphatic C16-C21	11.323	13.246	11767179	65.537	300	ug/ml
Aliphatic C21-C28	13.833	16.910	16254571	89.833	400	ug/ml
Aliphatic C28-C40	17.797	21.861	22415478	174.2	600	ug/ml
Aliphatic EPH	3.385	21.861	66373327	443.363		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.082	13.082	5344995	33.85		ug/ml
Aliphatic C9-C28	3.385	16.910	43957849	269.163	1200	ug/ml