

Report of Analysis

Client:	PSEG	Date Collected:	02/10/25
Project:	Ferry Ave - Camden	Date Received:	02/10/25
Client Sample ID:	TWP-1-WC	SDG No.:	Q1348
Lab Sample ID:	Q1348-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :	SW3510	Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
02/11/25 14:10	02/12/25 13:28	PB166689

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	30.9	U	1	5.94	30.9	ug/l	FC068266.D
Aliphatic C12-C16	Aliphatic C12-C16	22.4		1	3.72	20.6	ug/l	FC068266.D
Aliphatic C16-C21	Aliphatic C16-C21	8.49	J	1	5.30	30.9	ug/l	FC068266.D
Aliphatic C21-C28	Aliphatic C21-C28	41.2	U	1	9.25	41.2	ug/l	FC068266.D
Aliphatic C28-C40	Aliphatic C28-C40	75.1		1	17.5	61.9	ug/l	FC068266.D
Aromatic C10-C12	Aromatic C10-C12	5.05	J	1	3.42	20.6	ug/l	FD049086.D
Aromatic C12-C16	Aromatic C12-C16	9.20	J	1	3.80	30.9	ug/l	FD049086.D
Aromatic C16-C21	Aromatic C16-C21	31.3	J	1	13.1	51.5	ug/l	FD049086.D
Aromatic C21-C36	Aromatic C21-C36	43.2	J	1	26.0	82.5	ug/l	FD049086.D
Total AliphaticEPH	Total AliphaticEPH	106	J		41.7	186	ug/l	
Total AromaticEPH	Total AromaticEPH	88.8	J		46.3	186	ug/l	
Total EPH	Total EPH	195	J		88.0	371	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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Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068266.D	1	02/11/25	02/12/25	PB166689

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Aliphatic C21-C28	Aliphatic C21-C28	41.2	U	9.25	41.2	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	75.1		17.5	61.9	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.2		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1348-01	Acq On:	12 Feb 2025 13:28
Client Sample ID:	TWP-1-WC	Operator:	YP/AJ
Data file:	FC068266.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.107	6.373	382502	2.712	300	ug/ml
Aliphatic C12-C16	6.374	9.757	1482337	10.847	200	ug/ml
Aliphatic C16-C21	9.758	13.110	542169	4.119	300	ug/ml
Aliphatic C21-C28	13.111	16.763	392755	3.201	400	ug/ml
Aliphatic C28-C40	16.764	21.562	3747527	36.438	600	ug/ml
Aliphatic EPH	3.107	21.562	6547290	57.318		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.843	12.843	5660492	49.22		ug/ml
Aliphatic C9-C28	3.107	16.763	2799763	20.879	1200	ug/ml