

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/27/25
Project:	PSEG Athenia Substation	Date Received:	10/27/25
Client Sample ID:	PIBLK-PQ071150.D	SDG No.:	Q3437
Lab Sample ID:	I.BLK-PQ071150.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/27/25	PQ102725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/27/25	PQ102725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/27/25	PQ102725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/27/25	PQ102725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/27/25	PQ102725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/27/25	PQ102725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/27/25	PQ102725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/27/25	PQ102725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/27/25	PQ102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.9			70 (60) - 130 (140)	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.5			70 (60) - 130 (140)	122%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit