

## 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.:        | Q3450    |
| Lab Sample ID:     | I.BLK-PQ071150.D             |                     | Matrix:         | WATER    |
| Analytical Method: | 8082A                        |                     | % Solid:        | 0        |
| Sample Wt/Vol:     | 1000 mL                      | Final Vol: 10000 uL | Test:           | PCB      |
| Prep Method:       | 5030                         | Prep Date:          |                 |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL                 | LOQ / CRQL | Units   | Date Ana. | BatchID  |
|-------------------|----------------------|-------|------|----|---------------------|------------|---------|-----------|----------|
| <b>TARGETS</b>    |                      |       |      |    |                     |            |         |           |          |
| 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 |
| <b>SURROGATES</b> |                      |       |      |    |                     |            |         |           |          |
| 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