

## Report of Analysis

|                    |                              |                 |          |
|--------------------|------------------------------|-----------------|----------|
| Client:            | Matrix New World Engineering | Date Collected: | 10/23/25 |
| Project:           | PSEG Athenia Substation      | Date Received:  | 10/23/25 |
| Client Sample ID:  | SS-5R-(2.0-2.5)              | SDG No.:        | Q3450    |
| Lab Sample ID:     | Q3450-01                     | Matrix:         | SOIL     |
| Analytical Method: | 8082A                        | % Solid:        | 92.9     |
| Sample Wt/Vol:     | 30.03 g                      | Final Vol:      | 10000 uL |
| Prep Method:       | SW3541B                      | Test:           | PCB      |
|                    | Prep Date:                   | 10/24/25        |          |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL                 | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|---------------------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |                     |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 4.20  | U    | 1  | 4.20                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 11104-28-2        | Aroclor-1221         | 4.30  | U    | 1  | 4.30                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 11141-16-5        | Aroclor-1232         | 4.00  | U    | 1  | 4.00                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 53469-21-9        | Aroclor-1242         | 4.30  | U    | 1  | 4.30                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 12672-29-6        | Aroclor-1248         | 6.40  | U    | 1  | 6.40                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 11097-69-1        | Aroclor-1254         | 45.5  |      | 1  | 3.50                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 37324-23-5        | Aroclor-1262         | 5.40  | U    | 1  | 5.40                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 11100-14-4        | Aroclor-1268         | 3.90  | U    | 1  | 3.90                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| 11096-82-5        | Aroclor-1260         | 3.50  | U    | 1  | 3.50                | 18.3       | ug/kg   | 10/27/25 09:26 | PB170236 |
| <b>SURROGATES</b> |                      |       |      |    |                     |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 27.2  |      |    | 30 (21) - 150 (165) | 136%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 28.0  |      |    | 30 (10) - 150 (170) | 140%       | 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