

## Report of Analysis

|                    |                              |                     |                 |       |
|--------------------|------------------------------|---------------------|-----------------|-------|
| Client:            | Matrix New World Engineering |                     | Date Collected: |       |
| Project:           | PSEG Athenia Substation      |                     | Date Received:  |       |
| Client Sample ID:  | PB170358BS                   |                     | SDG No.:        | Q3450 |
| Lab Sample ID:     | PB170358BS                   |                     | Matrix:         | SOIL  |
| Analytical Method: | 8082A                        |                     | % Solid:        | 100   |
| Sample Wt/Vol:     | 30.03 g                      | Final Vol: 10000 uL | Test:           | PCB   |
| Prep Method:       | SW3541B                      | Prep Date: 10/31/25 |                 |       |

| CAS Number        | Parameter            | Conc. | Qua. | DF | MDL                 | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------|-------|------|----|---------------------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                      |       |      |    |                     |            |         |                |          |
| 12674-11-2        | Aroclor-1016         | 170   |      | 1  | 3.90                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 11104-28-2        | Aroclor-1221         | 4.00  | U    | 1  | 4.00                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 11141-16-5        | Aroclor-1232         | 3.70  | U    | 1  | 3.70                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 53469-21-9        | Aroclor-1242         | 4.00  | U    | 1  | 4.00                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 12672-29-6        | Aroclor-1248         | 5.90  | U    | 1  | 5.90                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 11097-69-1        | Aroclor-1254         | 3.20  | U    | 1  | 3.20                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 37324-23-5        | Aroclor-1262         | 5.00  | U    | 1  | 5.00                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 11100-14-4        | Aroclor-1268         | 3.60  | U    | 1  | 3.60                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| 11096-82-5        | Aroclor-1260         | 168   |      | 1  | 3.20                | 17.0       | ug/kg   | 10/31/25 23:07 | PB170358 |
| <b>SURROGATES</b> |                      |       |      |    |                     |            |         |                |          |
| 877-09-8          | Tetrachloro-m-xylene | 27.9  |      |    | 30 (21) - 150 (165) | 140%       | SPK: 20 |                |          |
| 2051-24-3         | Decachlorobiphenyl   | 25.9  |      |    | 30 (10) - 150 (170) | 130%       | 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