

## Report of Analysis

|                    |                            |          |                    |       |           |
|--------------------|----------------------------|----------|--------------------|-------|-----------|
| Client:            | CDM Smith                  |          | Date Collected:    |       |           |
| Project:           | South River WM Replacement |          | Date Received:     |       |           |
| Client Sample ID:  | PB168735BL                 |          | SDG No.:           | Q2514 |           |
| Lab Sample ID:     | PB168735BL                 |          | Matrix:            | SOIL  |           |
| Analytical Method: | 8082A                      |          | % Solid:           | 100   | Decanted: |
| Sample Wt/Vol:     | 30.01                      | Units: g | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                            | uL       | Test:              | PCB   |           |
| Extraction Type:   |                            |          | Injection Volume : |       |           |
| GPC Factor :       | 1.0                        | PH :     |                    |       |           |
| Prep Method :      | SW3541B                    |          |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO112057.D        | 1         | 07/07/25 08:30 | 07/07/25 22:01 | PB168735      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 3.90  | U         | 3.90     | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00     | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70     | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00     | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00     | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.5  |           | 32 - 144 | 103%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 18.5  |           | 32 - 175 | 92%        | SPK: 20           |

### Comments:

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