

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 07/14/25  |
| Project:           | South River WM Replacement | Date Received:     | 07/14/25  |
| Client Sample ID:  | PIBLK-PS031021.D           | SDG No.:           | Q2543     |
| Lab Sample ID:     | I.BLK-PS031021.D           | Matrix:            | WATER     |
| Analytical Method: | 8151A                      | % Solid:           | 0         |
| Sample Wt/Vol:     | 1000                       | Units:             | mL        |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | PH :               |           |
| Prep Method :      | SW3510C                    | Injection Volume : |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PS031021.D        | 1         |           | 07/14/25      | ps071425      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|-------------------|-------|-----------|----------|------------|----------|
| <b>TARGETS</b>    |                   |       |           |          |            |          |
| 1918-00-9         | DICAMBA           | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 120-36-5          | DICHLORPROP       | 0.76  | U         | 0.76     | 2.00       | ug/L     |
| 94-75-7           | 2,4-D             | 0.92  | U         | 0.92     | 2.00       | ug/L     |
| 93-72-1           | 2,4,5-TP (Silvex) | 0.78  | U         | 0.78     | 2.00       | ug/L     |
| 93-76-5           | 2,4,5-T           | 0.71  | U         | 0.71     | 2.00       | ug/L     |
| 94-82-6           | 2,4-DB            | 0.65  | U         | 0.65     | 2.00       | ug/L     |
| 88-85-7           | DINOSEB           | 0.89  | U         | 0.89     | 2.00       | ug/L     |
| <b>SURROGATES</b> |                   |       |           |          |            |          |
| 19719-28-9        | 2,4-DCAA          | 490   |           | 61 - 136 | 98%        | SPK: 500 |

### 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