

## Report of Analysis

|                    |                            |                    |           |
|--------------------|----------------------------|--------------------|-----------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25  |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25  |
| Client Sample ID:  | TP-62                      | SDG No.:           | Q2458     |
| Lab Sample ID:     | Q2458-07                   | Matrix:            | SOIL      |
| Analytical Method: | 8151A                      | % Solid:           | 91.1      |
| Sample Wt/Vol:     | 30.03                      | Units:             | g         |
| Soil Aliquot Vol:  |                            |                    | uL        |
| Extraction Type:   |                            | Test:              | Herbicide |
| GPC Factor :       | 1.0                        | Injection Volume : |           |
| Prep Method :      | 8151A                      |                    |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PS030923.D        | 1         | 07/02/25 11:30 | 07/07/25 12:38 | PB168706      |

| CAS Number        | Parameter         | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                   |       |           |          |            |                   |
| 1918-00-9         | DICAMBA           | 8.50  | U         | 8.50     | 73.5       | ug/Kg             |
| 120-36-5          | DICHLORPROP       | 14.0  | U         | 14.0     | 73.5       | ug/Kg             |
| 94-75-7           | 2,4-D             | 9.90  | U         | 9.90     | 73.5       | ug/Kg             |
| 93-72-1           | 2,4,5-TP (Silvex) | 9.90  | U         | 9.90     | 73.5       | ug/Kg             |
| 93-76-5           | 2,4,5-T           | 9.50  | U         | 9.50     | 73.5       | ug/Kg             |
| 94-82-6           | 2,4-DB            | 26.5  | U         | 26.5     | 73.5       | ug/Kg             |
| 88-85-7           | DINOSEB           | 11.8  | U         | 11.8     | 73.5       | ug/Kg             |
| <b>SURROGATES</b> |                   |       |           |          |            |                   |
| 19719-28-9        | 2,4-DCAA          | 75.5  |           | 10 - 141 | 15%        | 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