

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/26/25      |
| Client Sample ID:  | MH-E/FMS                   | SDG No.:           | Q2436         |
| Lab Sample ID:     | Q2430-01MS                 | Matrix:            | SOIL          |
| Analytical Method: | 8081B                      | % Solid:           | 88.2          |
| Sample Wt/Vol:     | 30.01                      | Units:             | g             |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | SW3541B                    | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089210.D        | 1         | 06/27/25 09:00 | 06/27/25 23:19 | PB168637      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 17.0  |           | 0.15     | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 16.7  |           | 0.20     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 17.2  |           | 0.44     | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 16.8  |           | 0.16     | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 16.1  |           | 0.14     | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 16.8  |           | 0.14     | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 16.6  |           | 0.22     | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 16.7  |           | 0.16     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 16.5  |           | 0.16     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 16.5  |           | 0.16     | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 16.0  |           | 0.16     | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 16.4  |           | 0.33     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 16.6  |           | 0.17     | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 16.0  |           | 0.15     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 15.7  |           | 0.16     | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 14.0  |           | 0.42     | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 16.3  |           | 0.22     | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 16.0  |           | 0.42     | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 16.5  |           | 0.14     | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 16.6  |           | 0.17     | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.10  | U         | 6.10     | 37.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 15.3  |           | 20 - 144 | 77%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 16.6  |           | 19 - 148 | 83%        | SPK: 20           |

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|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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