

## Report of Analysis

|                    |                            |                    |                       |
|--------------------|----------------------------|--------------------|-----------------------|
| Client:            | CDM Smith                  | Date Collected:    | 05/15/25              |
| Project:           | South River WM Replacement | Date Received:     | 05/16/25              |
| Client Sample ID:  | TP-38                      | SDG No.:           | Q2074                 |
| Lab Sample ID:     | Q2074-05                   | Matrix:            | SOIL                  |
| Analytical Method: | 8015D DRO                  | % Solid:           | 81.9                  |
| Sample Wt/Vol:     | 30.03                      | Units:             | g                     |
| Soil Aliquot Vol:  |                            |                    | uL                    |
| Extraction Type:   |                            | Final Vol:         | 1                     |
| GPC Factor :       |                            | PH :               |                       |
| Prep Method :      | SW3541                     | Decanted:          |                       |
|                    |                            | Test:              | Diesel Range Organics |
|                    |                            | Injection Volume : |                       |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| FF015884.D        | 1         | 05/20/25 10:15 | 05/21/25 15:12 | PB168084      |

| CAS Number        | Parameter       | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|-----------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                 |       |           |          |            |                   |
| DRO               | DRO             | 8140  |           | 206      | 2030       | ug/kg             |
| <b>SURROGATES</b> |                 |       |           |          |            |                   |
| 16416-32-3        | Tetracosane-d50 | 13.6  |           | 37 - 130 | 68%        | 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