

## Report of Analysis

|                    |                        |          |                    |               |           |
|--------------------|------------------------|----------|--------------------|---------------|-----------|
| Client:            | Nobis Group            |          | Date Collected:    |               |           |
| Project:           | Raymark Superfund Site |          | Date Received:     |               |           |
| Client Sample ID:  | PB166771BL             |          | SDG No.:           | Q1382         |           |
| Lab Sample ID:     | PB166771BL             |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                 |          | % Solid:           | 100           | Decanted: |
| Sample Wt/Vol:     | 30.01                  | Units: g | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                        | uL       | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                        |          | Injection Volume : |               |           |
| GPC Factor :       | 1.0                    | PH :     |                    |               |           |
| Prep Method :      | SW3541B                |          |                    |               |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL094260.D        | 1         | 02/19/25 08:10 | 02/19/25 14:37 | PB166771      |

| CAS Number        | Parameter            | Conc.   | Qualifier | MDL      | LOD     | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|---------|-----------|----------|---------|------------|-------------------|
| <b>TARGETS</b>    |                      |         |           |          |         |            |                   |
| 319-84-6          | alpha-BHC            | 0.00083 | U         | 0.00018  | 0.00083 | 0.0017     | mg/Kg             |
| 319-85-7          | beta-BHC             | 0.00083 | U         | 0.00049  | 0.00083 | 0.0017     | mg/Kg             |
| 319-86-8          | delta-BHC            | 0.00083 | U         | 0.00047  | 0.00083 | 0.0017     | mg/Kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.00083 | U         | 0.00019  | 0.00083 | 0.0017     | mg/Kg             |
| 76-44-8           | Heptachlor           | 0.00083 | U         | 0.00017  | 0.00083 | 0.0017     | mg/Kg             |
| 309-00-2          | Aldrin               | 0.00083 | U         | 0.00014  | 0.00083 | 0.0017     | mg/Kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.00083 | U         | 0.00023  | 0.00083 | 0.0017     | mg/Kg             |
| 959-98-8          | Endosulfan I         | 0.00083 | U         | 0.00017  | 0.00083 | 0.0017     | mg/Kg             |
| 60-57-1           | Dieldrin             | 0.00083 | U         | 0.00015  | 0.00083 | 0.0017     | mg/Kg             |
| 72-55-9           | 4,4-DDE              | 0.00083 | U         | 0.00013  | 0.00083 | 0.0017     | mg/Kg             |
| 72-20-8           | Endrin               | 0.00083 | U         | 0.00016  | 0.00083 | 0.0017     | mg/Kg             |
| 33213-65-9        | Endosulfan II        | 0.00083 | U         | 0.00030  | 0.00083 | 0.0017     | mg/Kg             |
| 72-54-8           | 4,4-DDD              | 0.00083 | U         | 0.00019  | 0.00083 | 0.0017     | mg/Kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.00083 | U         | 0.00013  | 0.00083 | 0.0017     | mg/Kg             |
| 50-29-3           | 4,4-DDT              | 0.00083 | U         | 0.00017  | 0.00083 | 0.0017     | mg/Kg             |
| 72-43-5           | Methoxychlor         | 0.00083 | U         | 0.00038  | 0.00083 | 0.0017     | mg/Kg             |
| 53494-70-5        | Endrin ketone        | 0.00083 | U         | 0.00022  | 0.00083 | 0.0017     | mg/Kg             |
| 7421-93-4         | Endrin aldehyde      | 0.00083 | U         | 0.00039  | 0.00083 | 0.0017     | mg/Kg             |
| 5103-71-9         | alpha-Chlordane      | 0.00083 | U         | 0.00017  | 0.00083 | 0.0017     | mg/Kg             |
| 5103-74-2         | gamma-Chlordane      | 0.00083 | U         | 0.00019  | 0.00083 | 0.0017     | mg/Kg             |
| 8001-35-2         | Toxaphene            | 0.017   | U         | 0.0052   | 0.017   | 0.033      | mg/Kg             |
| <b>SURROGATES</b> |                      |         |           |          |         |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 23.8    |           | 55 - 130 |         | 119%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.7    |           | 42 - 129 |         | 99%        | SPK: 20           |

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| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

### 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