

## Report of Analysis

|                    |                                     |          |                    |               |           |
|--------------------|-------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Union Paving & Construction Company |          | Date Collected:    |               |           |
| Project:           | Rt. 10 Whippany                     |          | Date Received:     |               |           |
| Client Sample ID:  | PB164592BL                          |          | SDG No.:           | P4663         |           |
| Lab Sample ID:     | PB164592BL                          |          | 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 |
| PL092801.D        | 1         | 11/01/24 09:12 | 11/01/24 14:47 | PB164592      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.18  | U         | 0.18                | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.49  | U         | 0.49                | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.47  | U         | 0.47                | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.19  | U         | 0.19                | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.17  | U         | 0.17                | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14                | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.23  | U         | 0.23                | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.17  | U         | 0.17                | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15                | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.13  | U         | 0.13                | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 0.16  | U         | 0.16                | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.30  | U         | 0.30                | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.19  | U         | 0.19                | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.13  | U         | 0.13                | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17                | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.38  | U         | 0.38                | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.22  | U         | 0.22                | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.39  | U         | 0.39                | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.17  | U         | 0.17                | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.19  | U         | 0.19                | 1.70       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.20  | U         | 5.20                | 33.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 22.0  |           | 30 (10) - 150 (148) | 110%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 20.0  |           | 30 (10) - 150 (159) | 100%       | 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