

## Report of Analysis

|                    |                                           |          |                    |               |           |
|--------------------|-------------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Louis Berger U.S., Inc., A WSP Company    |          | Date Collected:    | 01/18/23      |           |
| Project:           | NYCDDC Phase II SCI Arthur Kill Road CEQR |          | Date Received:     | 01/19/23      |           |
| Client Sample ID:  | B-P38C                                    |          | SDG No.:           | O1233         |           |
| Lab Sample ID:     | O1233-11                                  |          | Matrix:            | SOIL          |           |
| Analytical Method: | SW8081                                    |          | % Solid:           | 85.9          | Decanted: |
| Sample Wt/Vol:     | 30.09                                     | 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 |
| PL080452.D        | 1         | 01/20/23 10:35 | 01/21/23 02:43 | PB150373      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.28  | U         | 0.28     | 2.00       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.60  | U         | 0.60     | 2.00       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.48  | U         | 0.48     | 2.00       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.26  | U         | 0.26     | 2.00       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.27  | U         | 0.27     | 2.00       | ug/kg             |
| 309-00-2          | Aldrin               | 0.23  | U         | 0.23     | 2.00       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.34  | U         | 0.34     | 2.00       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.22  | U         | 0.22     | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.21  | U         | 0.21     | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.21  | U         | 0.21     | 2.00       | ug/kg             |
| 72-20-8           | Endrin               | 0.20  | U         | 0.20     | 2.00       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.26  | U         | 0.26     | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.24  | U         | 0.24     | 2.00       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.21  | U         | 0.21     | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.24  | U         | 0.24     | 2.00       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.29  | U         | 0.29     | 2.00       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.34  | U         | 0.34     | 2.00       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.34  | U         | 0.34     | 2.00       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.24  | U         | 0.24     | 2.00       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.24  | U         | 0.24     | 2.00       | ug/kg             |
| 8001-35-2         | Toxaphene            | 7.70  | U         | 7.70     | 38.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 16.9  |           | 12 - 143 | 84%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 17.1  |           | 10 - 159 | 85%        | 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