

## Report of Analysis

|                    |                                           |           |                    |               |           |
|--------------------|-------------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Louis Berger U.S., Inc., A WSP Company    |           | Date Collected:    | 01/23/23      |           |
| Project:           | NYCDDC Phase II SCI Arthur Kill Road CEQR |           | Date Received:     | 01/23/23      |           |
| Client Sample ID:  | PIBLK-PL080461.D                          |           | SDG No.:           | O1232         |           |
| Lab Sample ID:     | I.BLK-PL080461.D                          |           | Matrix:            | WATER         |           |
| Analytical Method: | SW8081                                    |           | % Solid:           | 0             | Decanted: |
| Sample Wt/Vol:     | 1000                                      | Units: mL | Final Vol:         | 10000         | uL        |
| Soil Aliquot Vol:  |                                           | uL        | Test:              | Pesticide-TCL |           |
| Extraction Type:   |                                           |           | Injection Volume : |               |           |
| GPC Factor :       | 1.0                                       | PH :      |                    |               |           |
| Prep Method :      | 3510C                                     |           |                    |               |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL080461.D        | 1         |           | 01/23/23      | pl012323      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0057 | U         | 0.0057   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0080 | U         | 0.0080   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.013  | U         | 0.013    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0052 | U         | 0.0052   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0060 | U         | 0.0060   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0061 | U         | 0.0061   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0067 | U         | 0.0067   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0045 | U         | 0.0045   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0045 | U         | 0.0045   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0048 | U         | 0.0048   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0048 | U         | 0.0048   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0068 | U         | 0.0068   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0048 | U         | 0.0048   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0050 | U         | 0.0050   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0060 | U         | 0.0060   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.0060 | U         | 0.0060   | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0068 | U         | 0.0068   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.010  | U         | 0.010    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0045 | U         | 0.0045   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0044 | U         | 0.0044   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.1   |           | 27 - 142 | 96%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.9   |           | 60 - 145 | 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