

## Report of Analysis

|                    |                         |                    |               |
|--------------------|-------------------------|--------------------|---------------|
| Client:            | First Environment, Inc. | Date Collected:    | 07/31/25      |
| Project:           | USACE018-44 DOD         | Date Received:     | 07/31/25      |
| Client Sample ID:  | PIBLK-PD089685.D        | SDG No.:           | Q2820         |
| Lab Sample ID:     | I.BLK-PD089685.D        | Matrix:            | WATER         |
| Analytical Method: | 8081B                   | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                    | Units:             | mL            |
| Soil Aliquot Vol:  |                         |                    | uL            |
| Extraction Type:   |                         | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                     | PH :               |               |
| Prep Method :      | 3510C                   | Decanted:          |               |
|                    |                         | Final Vol:         | 10000         |
|                    |                         | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089685.D        | 1         |           | 07/31/25      | pd073125      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD   | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|-------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |       |            |         |
| 319-84-6          | alpha-BHC            | 0.010 | U         | 0.0039   | 0.010 | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.010 | U         | 0.0049   | 0.010 | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.025 | U         | 0.011    | 0.025 | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.010 | U         | 0.0037   | 0.010 | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.010 | U         | 0.0027   | 0.010 | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.010 | U         | 0.0036   | 0.010 | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.025 | U         | 0.0096   | 0.025 | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.010 | U         | 0.0031   | 0.010 | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.010 | U         | 0.0036   | 0.010 | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.010 | U         | 0.0037   | 0.010 | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.010 | U         | 0.0032   | 0.010 | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.025 | U         | 0.0079   | 0.025 | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.025 | U         | 0.0071   | 0.025 | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.010 | U         | 0.0037   | 0.010 | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.010 | U         | 0.0035   | 0.010 | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.025 | U         | 0.011    | 0.025 | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.025 | U         | 0.0093   | 0.025 | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.025 | U         | 0.011    | 0.025 | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.010 | U         | 0.0035   | 0.010 | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.010 | U         | 0.0039   | 0.010 | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.50  | U         | 0.17     | 0.50  | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |       |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.9  |           | 30 - 135 |       | 104%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.4  |           | 44 - 124 |       | 102%       | SPK: 20 |

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| Soil Aliquot Vol:  |                         |                    | uL            |
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| Prep Method :      | 3510C                   | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
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| PD089685.D        | 1         |           | 07/31/25      | pd073125      |

| 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