

## Report of Analysis

|                    |                               |                 |                |
|--------------------|-------------------------------|-----------------|----------------|
| Client:            | Tetra Tech NUS, Inc.          | Date Collected: | 12/31/24       |
| Project:           | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 01/02/25       |
| Client Sample ID:  | VPB190A-HYD-20241231          | SDG No.:        | Q1004          |
| Lab Sample ID:     | Q1004-02                      | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM                    | % Solid:        | 0              |
| Sample Wt/Vol:     | 980 Units: mL                 | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL                            | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N                  | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0              | GPC Cleanup :   | N PH :         |
| Prep Method :      |                               |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN035891.D        | 1         | 01/03/25 09:00 | 01/06/25 11:17 | PB165947      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|----------|------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |          |      |            |          |
| 123-91-1                  | 1,4-Dioxane             | 0.20  | U         | 0.070    | 0.20 | 0.20       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |          |      |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.15  |           | 30 - 150 |      | 37%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.26  |           | 30 - 150 |      | 65%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.33  |           | 55 - 111 |      | 82%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.32  |           | 53 - 106 |      | 81%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.40  |           | 58 - 132 |      | 101%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |          |      |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 1210  | 7.832     |          |      |            |          |
| 1146-65-2                 | Naphthalene-d8          | 2350  | 10.622    |          |      |            |          |
| 15067-26-2                | Acenaphthene-d10        | 1160  | 14.469    |          |      |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 2320  | 17.206    |          |      |            |          |
| 1719-03-5                 | Chrysene-d12            | 2030  | 21.384    |          |      |            |          |
| 1520-96-3                 | Perylene-d12            | 2230  | 23.689    |          |      |            |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products