

## Report of Analysis

|                    |                                               |                  |                 |                |
|--------------------|-----------------------------------------------|------------------|-----------------|----------------|
| Client:            | AECOM Technical Services, Inc.                |                  | Date Collected: | 12/10/24       |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |                  | Date Received:  | 12/11/24       |
| Client Sample ID:  | RE120D3-20241210                              |                  | SDG No.:        | P5261          |
| Lab Sample ID:     | P5261-19                                      |                  | 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 |
| BN035740.D        | 1         | 12/12/24 10:30 | 12/20/24 14:05 | PB165596      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|----------|------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |          |      |            |          |
| 123-91-1                  | 1,4-Dioxane             | 7.80  | E         | 0.070    | 0.20 | 0.20       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |          |      |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.38  |           | 30 - 150 |      | 94%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.41  |           | 30 - 150 |      | 102%       | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.41  |           | 55 - 111 |      | 103%       | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.35  |           | 53 - 106 |      | 86%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.52  |           | 58 - 132 |      | 130%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |          |      |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 3320  | 7.272     |          |      |            |          |
| 1146-65-2                 | Naphthalene-d8          | 8850  | 10.02     |          |      |            |          |
| 15067-26-2                | Acenaphthene-d10        | 5880  | 13.935    |          |      |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 12000 | 16.711    |          |      |            |          |
| 1719-03-5                 | Chrysene-d12            | 10500 | 20.956    |          |      |            |          |
| 1520-96-3                 | Perylene-d12            | 10600 | 23.041    |          |      |            |          |

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