

## Report of Analysis

|                    |                                               |                  |                 |                |
|--------------------|-----------------------------------------------|------------------|-----------------|----------------|
| Client:            | AECOM Technical Services, Inc.                |                  | Date Collected: | 03/10/25       |
| Project:           | NAVFAC NWIRP Bethpage, NY Site 1 OU-2 - 32258 |                  | Date Received:  | 03/12/25       |
| Client Sample ID:  | RE134D3-20250310DL                            |                  | SDG No.:        | Q1559          |
| Lab Sample ID:     | Q1559-04DL                                    |                  | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM                                    |                  | % Solid:        | 0              |
| Sample Wt/Vol:     | 1000                                          | 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 |
| BN036657.D        | 5         | 03/14/25 08:35 | 03/17/25 13:26 | PB167131      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|----------|------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |          |      |            |          |
| 123-91-1                  | 1,4-Dioxane             | 12.7  | D         | 0.35     | 1.00 | 1.00       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |          |      |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.60  |           | 30 - 150 |      | 150%       | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.74  | *         | 30 - 150 |      | 184%       | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.54  | *         | 55 - 111 |      | 135%       | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.64  | *         | 53 - 106 |      | 160%       | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.85  | *         | 58 - 132 |      | 211%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |          |      |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 1740  | 7.717     |          |      |            |          |
| 1146-65-2                 | Naphthalene-d8          | 4170  | 10.509    |          |      |            |          |
| 15067-26-2                | Acenaphthene-d10        | 2530  | 14.355    |          |      |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 5020  | 17.099    |          |      |            |          |
| 1719-03-5                 | Chrysene-d12            | 3320  | 21.295    |          |      |            |          |
| 1520-96-3                 | Perylene-d12            | 2820  | 23.548    |          |      |            |          |

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