

## Report of Analysis

|                    |                               |        |      |                 |              |    |
|--------------------|-------------------------------|--------|------|-----------------|--------------|----|
| Client:            | Tetra Tech NUS, Inc.          |        |      | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |        |      | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-EB-20250522        |        |      | SDG No.:        | Q2120        |    |
| Lab Sample ID:     | Q2120-02                      |        |      | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |        |      | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: | mL   | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               |        | uL   | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID :   | 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |        |      |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046356.D        | 1         |           | 05/23/25 19:32 | VX052325      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|-------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |       |      |            |       |
| 74-87-3        | Chloromethane                  | 0.50  | U         | 0.32  | 0.50 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.75  | U         | 0.26  | 0.75 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 3.80  | U         | 1.40  | 3.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.75  | U         | 0.47  | 0.75 | 1.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.50  | U         | 0.33  | 0.50 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.75  | U         | 0.23  | 0.75 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 15.4  |           | 1.50  | 3.80 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.75  | U         | 0.21  | 0.75 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.50  | U         | 0.28  | 0.50 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.50  | U         | 0.23  | 0.50 | 1.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.50  | U         | 0.98  | 2.50 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.75  | U         | 0.19  | 0.75 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.50  | U         | 0.25  | 0.50 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.50  | U         | 0.15  | 0.50 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.75  | U         | 0.090 | 0.75 | 1.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.50  | U         | 0.20  | 0.50 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.50  | U         | 0.22  | 0.50 | 1.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 2.50  | U         | 0.68  | 2.50 | 5.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.50  | U         | 0.14  | 0.50 | 1.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.50  | U         | 0.17  | 0.50 | 1.00       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene        | 0.50  | U         | 0.16  | 0.50 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.50  | U         | 0.21  | 0.50 | 1.00       | ug/L  |
| 591-78-6       | 2-Hexanone                     | 2.50  | U         | 0.89  | 2.50 | 5.00       | ug/L  |

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| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 05/22/25     |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-EB-20250522        |           | SDG No.:        | Q2120        |    |
| Lab Sample ID:     | Q2120-02                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046356.D        | 1         |           | 05/23/25 19:32 | VX052325      |

| CAS Number                            | Parameter                 | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|---------------------------------------|---------------------------|--------|-----------|----------|------|------------|---------|
| 124-48-1                              | Dibromochloromethane      | 0.50   | U         | 0.18     | 0.50 | 1.00       | ug/L    |
| 127-18-4                              | Tetrachloroethene         | 0.50   | U         | 0.23     | 0.50 | 1.00       | ug/L    |
| 108-90-7                              | Chlorobenzene             | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-41-4                              | Ethyl Benzene             | 0.50   | U         | 0.13     | 0.50 | 1.00       | ug/L    |
| 179601-23-1                           | m/p-Xylenes               | 1.00   | U         | 0.24     | 1.00 | 2.00       | ug/L    |
| 95-47-6                               | o-Xylene                  | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 100-42-5                              | Styrene                   | 0.50   | U         | 0.15     | 0.50 | 1.00       | ug/L    |
| 75-25-2                               | Bromoform                 | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 98-82-8                               | Isopropylbenzene          | 0.50   | U         | 0.12     | 0.50 | 1.00       | ug/L    |
| 79-34-5                               | 1,1,2,2-Tetrachloroethane | 0.50   | U         | 0.26     | 0.50 | 1.00       | ug/L    |
| 541-73-1                              | 1,3-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| 106-46-7                              | 1,4-Dichlorobenzene       | 0.50   | U         | 0.19     | 0.50 | 1.00       | ug/L    |
| 95-50-1                               | 1,2-Dichlorobenzene       | 0.50   | U         | 0.16     | 0.50 | 1.00       | ug/L    |
| <b>SURROGATES</b>                     |                           |        |           |          |      |            |         |
| 17060-07-0                            | 1,2-Dichloroethane-d4     | 53.6   |           | 81 - 118 |      | 107%       | SPK: 50 |
| 1868-53-7                             | Dibromofluoromethane      | 50.5   |           | 80 - 119 |      | 101%       | SPK: 50 |
| 2037-26-5                             | Toluene-d8                | 50.7   |           | 89 - 112 |      | 101%       | SPK: 50 |
| 460-00-4                              | 4-Bromofluorobenzene      | 51.0   |           | 85 - 114 |      | 102%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b>             |                           |        |           |          |      |            |         |
| 363-72-4                              | Pentafluorobenzene        | 63800  | 5.55      |          |      |            |         |
| 540-36-3                              | 1,4-Difluorobenzene       | 128000 | 6.757     |          |      |            |         |
| 3114-55-4                             | Chlorobenzene-d5          | 124000 | 10.049    |          |      |            |         |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4    | 52700  | 12.018    |          |      |            |         |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                           |        |           |          |      |            |         |
| 75-43-4                               | Dichlorofluoromethane     | N.D    | U         |          |      |            |         |

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| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 05/22/25     |    |
| Client Sample ID:  | BP-VPB-182-EB-20250522        |           | SDG No.:        | Q2120        |    |
| Lab Sample ID:     | Q2120-02                      |           | Matrix:         | Water        |    |
| Analytical Method: | 8260D                         |           | % Solid:        | 0            |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000         | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOCMS Group1 |    |
| GC Column:         | DB-624UI                      | ID : 0.18 | Level :         | LOW          |    |
| Prep Method :      |                               |           |                 |              |    |

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| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX046356.D        | 1         |           | 05/23/25 19:32 | VX052325      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

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