

## Report of Analysis

|                    |                               |           |                 |               |    |
|--------------------|-------------------------------|-----------|-----------------|---------------|----|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: | 09/03/25      |    |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 09/04/25      |    |
| Client Sample ID:  | TT-078-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-04                      |           | Matrix:         | Water         |    |
| Analytical Method: | E624.1                        |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | RXI-624                       | ID : 0.25 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VN087720.D        | 1         | 09/04/25 14:16 | VN090425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.77  | U         | 0.77 | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.64  | U         | 0.64 | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.83  | U         | 0.83 | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 0.80  | U         | 0.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 2.30  | U         | 2.30 | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 0.80  | U         | 0.80 | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.96  | U         | 0.96 | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.76  | U         | 0.76 | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 4.60  | U         | 4.60 | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.82  | U         | 0.82 | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-Butyl Ether        | 0.77  | U         | 0.77 | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 0.91  | U         | 0.91 | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.86  | U         | 0.86 | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.82  | U         | 0.82 | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 0.92  | U         | 0.92 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 2.00  | U         | 2.00 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.74  | U         | 0.74 | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.80  | U         | 0.80 | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.55  | U         | 0.55 | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.63  | U         | 0.63 | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.73  | U         | 0.73 | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.45  | U         | 0.45 | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.49  | U         | 0.49 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 0.46  | U         | 0.46 | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.64  | U         | 0.64 | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 3.00  | U         | 3.00 | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 0.46  | U         | 0.46 | 5.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 0.72  | U         | 0.72 | 5.00       | ug/L  |

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| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  | 09/04/25      |    |
| Client Sample ID:  | TT-078-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-04                      |           | Matrix:         | Water         |    |
| Analytical Method: | E624.1                        |           | % Solid:        | 0             |    |
| Sample Wt/Vol:     | 5                             | Units: mL | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                               | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | RXI-624                       | ID : 0.25 | Level :         | LOW           |    |
| Prep Method :      |                               |           |                 |               |    |

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| File ID/Qc Batch: | Dilution: | Date Analyzed  | Prep Batch ID |
| VN087720.D        | 1         | 09/04/25 14:16 | VN090425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 10061-01-5                | cis-1,3-Dichloropropene     | 0.67   | U         | 0.67     | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 0.45   | U         | 0.45     | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 3.20   | U         | 3.20     | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 0.66   | U         | 0.66     | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 0.56   | U         | 0.56     | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 0.84   | U         | 0.84     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 0.47   | U         | 0.47     | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 0.56   | U         | 0.56     | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 1.30   | U         | 1.30     | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 0.67   | U         | 0.67     | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 0.72   | U         | 0.72     | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 0.94   | U         | 0.94     | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 0.78   | U         | 0.78     | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 0.44   | U         | 0.44     | 5.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene      | 0.59   | U         | 0.59     | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 0.67   | U         | 0.67     | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 0.81   | U         | 0.81     | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 0.67   | U         | 0.67     | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 0.86   | U         | 0.86     | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 1.00   | U         | 1.00     | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 1.10   | U         | 1.10     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 29.2   |           | 91 - 110 | 97%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 29.4   |           | 91 - 112 | 98%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 25.5   |           | 63 - 112 | 85%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 36200  | 7.8       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 190000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 168000 | 11.847    |          |            |         |

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| CAS Number | Parameter | Conc. | Qualifier | MDL | 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