



# SAMPLE DATA

A

B

C

## Report of Analysis

|                   |                               |                 |                |
|-------------------|-------------------------------|-----------------|----------------|
| Client:           | Tetra Tech NUS, Inc.          | Date Collected: | 07/08/25 10:45 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 07/09/25       |
| Client Sample ID: | RW5-SP100-20250708            | SDG No.:        | Q2536          |
| Lab Sample ID:    | Q2536-01                      | Matrix:         | Water          |
|                   |                               | % Solid:        | 0              |

| Parameter         | Conc.  | Qua. | DF | MDL     | LOD    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|-------------------|--------|------|----|---------|--------|------------|-------|----------------|----------------|----------------------------|
| Alkalinity        | 4.40   |      | 1  | 1.00    | 1.00   | 2.00       | mg/L  |                | 07/10/25 13:20 | SM 2320 B-21               |
| Ammonia as N      | 0.080  | U    | 1  | 0.030   | 0.080  | 0.10       | mg/L  | 07/14/25 08:45 | 07/14/25 12:03 | SM 4500-NH3<br>B plus G-21 |
| Chloride          | 10.4   | OR   | 1  | 0.19    | 0.30   | 0.60       | mg/L  |                | 07/09/25 13:09 | 300.0                      |
| Sulfate           | 2.40   | J    | 1  | 0.46    | 1.50   | 3.00       | mg/L  |                | 07/09/25 13:09 | 300.0                      |
| BOD5              | 2.00   | U    | 1  | 0.20    | 2.00   | 2.00       | mg/L  |                | 07/09/25 16:40 | SM 5210 B-16               |
| COD               | 5.00   | U    | 1  | 1.50    | 5.00   | 10.0       | mg/L  |                | 07/15/25 12:13 | SM 5220 D-11               |
| Cyanide           | 0.0025 | U    | 1  | 0.00096 | 0.0025 | 0.0050     | mg/L  | 07/10/25 15:00 | 07/11/25 09:54 | 9012B                      |
| Phosphorus, Total | 0.013  | J    | 1  | 0.0050  | 0.025  | 0.050      | mg/L  | 07/09/25 11:30 | 07/09/25 14:24 | 365.3                      |
| Sulfide           | 0.50   | U    | 1  | 0.43    | 0.50   | 1.00       | mg/L  | 07/10/25 08:40 | 07/10/25 13:26 | 9034                       |
| TOC               | 0.54   | J    | 1  | 0.40    | 0.50   | 1.00       | mg/L  |                | 07/10/25 12:12 | 9060A                      |

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                               |                 |                |
|-------------------|-------------------------------|-----------------|----------------|
| Client:           | Tetra Tech NUS, Inc.          | Date Collected: | 07/08/25 10:45 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 07/09/25       |
| Client Sample ID: | RW5-SP100-20250708DL          | SDG No.:        | Q2536          |
| Lab Sample ID:    | Q2536-01DL                    | Matrix:         | WATER          |
|                   |                               | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|------|------|------------|-------|-----------|----------------|----------|
| Chloride  | 10.0  | D    | 5  | 0.95 | 1.50 | 3.00       | mg/L  |           | 07/09/25 14:57 | 300.0    |

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                               |                 |                |
|-------------------|-------------------------------|-----------------|----------------|
| Client:           | Tetra Tech NUS, Inc.          | Date Collected: | 07/08/25 12:15 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 07/09/25       |
| Client Sample ID: | RW7-SP100-20250708            | SDG No.:        | Q2536          |
| Lab Sample ID:    | Q2536-02                      | Matrix:         | Water          |
|                   |                               | % Solid:        | 0              |

| Parameter         | Conc.  | Qua. | DF | MDL     | LOD    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|-------------------|--------|------|----|---------|--------|------------|-------|----------------|----------------|----------------------------|
| Alkalinity        | 1.80   | J    | 1  | 1.00    | 1.00   | 2.00       | mg/L  |                | 07/10/25 13:30 | SM 2320 B-21               |
| Ammonia as N      | 0.080  | U    | 1  | 0.030   | 0.080  | 0.10       | mg/L  | 07/14/25 08:45 | 07/14/25 12:03 | SM 4500-NH3<br>B plus G-21 |
| Chloride          | 7.40   |      | 1  | 0.19    | 0.30   | 0.60       | mg/L  |                | 07/09/25 13:31 | 300.0                      |
| Sulfate           | 1.40   | J    | 1  | 0.46    | 1.50   | 3.00       | mg/L  |                | 07/09/25 13:31 | 300.0                      |
| BOD5              | 2.00   | U    | 1  | 0.20    | 2.00   | 2.00       | mg/L  |                | 07/09/25 16:40 | SM 5210 B-16               |
| COD               | 5.00   | U    | 1  | 1.50    | 5.00   | 10.0       | mg/L  |                | 07/15/25 12:13 | SM 5220 D-11               |
| Cyanide           | 0.0025 | U    | 1  | 0.00096 | 0.0025 | 0.0050     | mg/L  | 07/10/25 15:00 | 07/11/25 10:00 | 9012B                      |
| Phosphorus, Total | 0.010  | J    | 1  | 0.0050  | 0.025  | 0.050      | mg/L  | 07/09/25 11:30 | 07/09/25 14:25 | 365.3                      |
| Sulfide           | 0.50   | U    | 1  | 0.43    | 0.50   | 1.00       | mg/L  | 07/10/25 08:40 | 07/10/25 13:38 | 9034                       |
| TOC               | 0.45   | J    | 1  | 0.40    | 0.50   | 1.00       | mg/L  |                | 07/10/25 13:24 | 9060A                      |

Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                               |                 |                |
|-------------------|-------------------------------|-----------------|----------------|
| Client:           | Tetra Tech NUS, Inc.          | Date Collected: | 07/08/25 13:05 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 07/09/25       |
| Client Sample ID: | RW8-SP100-20250708            | SDG No.:        | Q2536          |
| Lab Sample ID:    | Q2536-03                      | Matrix:         | Water          |
|                   |                               | % Solid:        | 0              |

| Parameter         | Conc.  | Qua. | DF | MDL     | LOD    | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|-------------------|--------|------|----|---------|--------|------------|-------|----------------|----------------|----------------------------|
| Alkalinity        | 1.00   | U    | 1  | 1.00    | 1.00   | 2.00       | mg/L  |                | 07/10/25 13:35 | SM 2320 B-21               |
| Ammonia as N      | 0.080  | U    | 1  | 0.030   | 0.080  | 0.10       | mg/L  | 07/14/25 08:45 | 07/14/25 12:03 | SM 4500-NH3<br>B plus G-21 |
| Chloride          | 11.5   | OR   | 1  | 0.19    | 0.30   | 0.60       | mg/L  |                | 07/09/25 13:52 | 300.0                      |
| Sulfate           | 8.70   |      | 1  | 0.46    | 1.50   | 3.00       | mg/L  |                | 07/09/25 13:52 | 300.0                      |
| BOD5              | 2.00   | U    | 1  | 0.20    | 2.00   | 2.00       | mg/L  |                | 07/09/25 16:40 | SM 5210 B-16               |
| COD               | 5.00   | U    | 1  | 1.50    | 5.00   | 10.0       | mg/L  |                | 07/15/25 12:14 | SM 5220 D-11               |
| Cyanide           | 0.0025 | U    | 1  | 0.00096 | 0.0025 | 0.0050     | mg/L  | 07/10/25 15:00 | 07/11/25 10:00 | 9012B                      |
| Phosphorus, Total | 0.010  | J    | 1  | 0.0050  | 0.025  | 0.050      | mg/L  | 07/09/25 11:30 | 07/09/25 14:26 | 365.3                      |
| Sulfide           | 0.50   | U    | 1  | 0.43    | 0.50   | 1.00       | mg/L  | 07/10/25 08:40 | 07/10/25 13:41 | 9034                       |
| TOC               | 0.45   | J    | 1  | 0.40    | 0.50   | 1.00       | mg/L  |                | 07/10/25 13:48 | 9060A                      |

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

**Report of Analysis**

|                   |                               |                 |                |
|-------------------|-------------------------------|-----------------|----------------|
| Client:           | Tetra Tech NUS, Inc.          | Date Collected: | 07/08/25 13:05 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 07/09/25       |
| Client Sample ID: | RW8-SP100-20250708DL          | SDG No.:        | Q2536          |
| Lab Sample ID:    | Q2536-03DL                    | Matrix:         | WATER          |
|                   |                               | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL  | LOD  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|------|------|------------|-------|-----------|----------------|----------|
| Chloride  | 11.0  | D    | 5  | 0.95 | 1.50 | 3.00       | mg/L  |           | 07/09/25 15:19 | 300.0    |

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## LAB CHRONICLE

|                 |                      |                   |                               |
|-----------------|----------------------|-------------------|-------------------------------|
| <b>OrderID:</b> | Q2536                | <b>OrderDate:</b> | 7/9/2025 10:41:00 AM          |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | O21                           |

| LabID             | ClientID                    | Matrix       | Test             | Method     | Sample Date               | Prep Date | Anal Date         | Received        |
|-------------------|-----------------------------|--------------|------------------|------------|---------------------------|-----------|-------------------|-----------------|
| <b>Q2536-01</b>   | <b>RW5-SP100-20250708</b>   | <b>Water</b> |                  |            | <b>07/08/25<br/>10:45</b> |           |                   | <b>07/09/25</b> |
|                   |                             |              | Alkalinity       | SM2320 B   |                           |           | 07/10/25<br>13:20 |                 |
|                   |                             |              | Ammonia          | SM4500-NH3 |                           | 07/14/25  | 07/14/25<br>12:03 |                 |
|                   |                             |              | Anions Group1    | 300.0      |                           |           | 07/09/25<br>13:09 |                 |
|                   |                             |              | BOD5             | SM5210 B   |                           |           | 07/09/25<br>16:40 |                 |
|                   |                             |              | COD              | SM5220 D   |                           |           | 07/15/25<br>12:13 |                 |
|                   |                             |              | Cyanide          | 9012B      |                           | 07/10/25  | 07/11/25<br>09:54 |                 |
|                   |                             |              | Phosphorus-Total | 365.3      |                           | 07/09/25  | 07/09/25<br>14:24 |                 |
|                   |                             |              | Sulfide          | 9034       |                           | 07/10/25  | 07/10/25<br>13:26 |                 |
|                   |                             |              | TOC              | 9060A      |                           |           | 07/10/25<br>12:12 |                 |
| <b>Q2536-01DL</b> | <b>RW5-SP100-20250708DL</b> | <b>WATER</b> |                  |            | <b>07/08/25<br/>10:45</b> |           |                   | <b>07/09/25</b> |
|                   |                             |              | Anions Group1    | 300.0      |                           |           | 07/09/25<br>14:57 |                 |
| <b>Q2536-02</b>   | <b>RW7-SP100-20250708</b>   | <b>Water</b> |                  |            | <b>07/08/25<br/>12:15</b> |           |                   | <b>07/09/25</b> |
|                   |                             |              | Alkalinity       | SM2320 B   |                           |           | 07/10/25<br>13:30 |                 |
|                   |                             |              | Ammonia          | SM4500-NH3 |                           | 07/14/25  | 07/14/25<br>12:03 |                 |

### LAB CHRONICLE

|                  |          |          |                   |
|------------------|----------|----------|-------------------|
| Anions Group1    | 300.0    |          | 07/09/25<br>13:31 |
| BOD5             | SM5210 B |          | 07/09/25<br>16:40 |
| COD              | SM5220 D |          | 07/15/25<br>12:13 |
| Cyanide          | 9012B    | 07/10/25 | 07/11/25<br>10:00 |
| Phosphorus-Total | 365.3    | 07/09/25 | 07/09/25<br>14:25 |
| Sulfide          | 9034     | 07/10/25 | 07/10/25<br>13:38 |
| TOC              | 9060A    |          | 07/10/25<br>13:24 |

**Q2536-03**

**RW8-SP100-2025070  
8**

**Water**

**07/08/25  
13:05**

**07/09/25**

|                  |            |          |                   |
|------------------|------------|----------|-------------------|
| Alkalinity       | SM2320 B   |          | 07/10/25<br>13:35 |
| Ammonia          | SM4500-NH3 | 07/14/25 | 07/14/25<br>12:03 |
| Anions Group1    | 300.0      |          | 07/09/25<br>13:52 |
| BOD5             | SM5210 B   |          | 07/09/25<br>16:40 |
| COD              | SM5220 D   |          | 07/15/25<br>12:14 |
| Cyanide          | 9012B      | 07/10/25 | 07/11/25<br>10:00 |
| Phosphorus-Total | 365.3      | 07/09/25 | 07/09/25<br>14:26 |
| Sulfide          | 9034       | 07/10/25 | 07/10/25<br>13:41 |
| TOC              | 9060A      |          | 07/10/25<br>13:48 |

**Q2536-03DL**

**RW8-SP100-2025070  
8DL**

**WATER**

**07/08/25  
13:05**

**07/09/25**

|               |       |  |                   |
|---------------|-------|--|-------------------|
| Anions Group1 | 300.0 |  | 07/09/25<br>15:19 |
|---------------|-------|--|-------------------|