

## **ANALYTICAL RESULTS SUMMARY**

GENERAL CHEMISTRY  
METALS  
GC SEMI-VOLATILES  
VOLATILE ORGANICS

**PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13**

**TETRA TECH NUS, INC.**

**661 Andersen Drive**

**Suite 200**

**Pittsburgh, PA - 15220-2745**

**Phone No: 412-921-7090**

**ORDER ID : Q3017**

**ATTENTION : Ernie Wu**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q3017

**Project ID :** NWIRP Bethpage 112G08005-WE13

**Client :** Tetra Tech NUS, Inc.

### Lab Sample Number

Q3017-01  
Q3017-02  
Q3017-03  
Q3017-04  
Q3017-05

### Client Sample Number

BP-TB-20250903  
TT-076-IDWGW-20250903  
TT-077-IDWGW-20250903  
TT-078-IDWGW-20250903  
TT-079-IDWGW-20250903

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 9/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**Tetra Tech NUS, Inc.**

**Project Name: NWIRP Bethpage 112G08005-WE13**

**Project Manager# Ernie Wu**

**Order ID # Q3017**

**Test Name: VOC-TCLVOA-10**

### **A. Number of Samples and Date of Receipt:**

5 Water samples were received on 09/04/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOC-TCLVOA-10 was based on method 624.1.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike Duplicate met requirements for all compounds.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

### **E. Additional Comments:**

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

VIAL A and B combined to run sample # 02, 03, 04 and 05 as low volume received for samples.

"As per method, MS/MSD is required to be performed with the sample analysis.

However, Lab did not receive sufficient volume to perform the MS/MSD therefore

MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD instead.”

The not QT review data is reported in the Miscellaneous.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <35% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 35% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature\_\_\_\_\_

## **CASE NARRATIVE**

**Tetra Tech NUS, Inc.**

**Project Name: NWIRP Bethpage 112G08005-WE13**

**Project Manager: Ernie Wu**

**Order ID # Q3017**

**Test Name: PCB**

### **A. Number of Samples and Date of Receipt:**

4 Water samples were received on 09/04/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested:  
PCB. This data package contains results for PCB.

### **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5  $\mu$ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25  $\mu$ m; Catalogue # 7HM-G017-11. The analyses were performed on instrument GCECD\_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5  $\mu$ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25  $\mu$ m; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

### **E. Additional Comments:**

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

### **F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

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Signature\_\_\_\_\_

## **CASE NARRATIVE**

**Tetra Tech NUS, Inc.**

**Project Name: NWIRP Bethpage 112G08005-WE13**

**Project Manager : Ernie Wu**

**Order ID # Q3017**

**Test Name: Mercury, Metals ICP-TAL**

### **A. Number of Samples and Date of Receipt:**

5 Water samples were received on 09/04/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH and VOC-TCLVOA-10. This data package contains results for Mercury, Metals ICP-TAL.

### **C. Analytical Techniques:**

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (TT-079-IDWGW-20250903MS) analysis met criteria for all compounds except for Barium, Manganese and Potassium due to Chemical Interference during Digestion process.

The Matrix Spike Duplicate (TT-079-IDWGW-20250903MSD) analysis met criteria for all compounds except for Barium, Manganese, Potassium and Zinc due to Chemical Interference during Digestion process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

### **E. Additional Comments:**

The Post Digest Spike (TT-079-IDWGW-20250903A) analysis met criteria for all compounds except for Barium, Manganese, Potassium and Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).



Sample Q3017-02, Q3017-03, Q3017-04 and Q3017- 05 were reported with direct dilution for Metals-ICP TAL as samples had viscous matrix and can block the sample introduction path. So, to avoid blocking of sample introduction and any other damage to instrument samples were diluted with 5X Straight Dilution.

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Signature\_\_\_\_\_



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## **CASE NARRATIVE**

**Tetra Tech NUS, Inc.**

**Project Name: NWIRP Bethpage 112G08005-WE13**

**Project Manager : Ernie Wu**

**Order ID # Q3017**

**Test Name: pH**

### **A. Number of Samples and Date of Receipt:**

4 Water samples were received on 09/04/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: pH. This data package contains results for pH.

### **C. Analytical Techniques:**

The analysis of pH was based on method 9040C.

### **D. QA/ QC Samples:**

The Holding Times were met for all samples except for TT-076-IDWGW-20250903 of pH, for TT-077-IDWGW-20250903 of pH, for TT-078-IDWGW-20250903 of pH and for TT-079-IDWGW-20250903 of pH as sample were receive out of holding time.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

### **E. Additional Comments:**

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

---

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Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>J</b>  | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).                                                                                                                                                                                  |
| <b>U</b>  | Indicates the analyte was analyzed for, but not detected.                                                                                                                                                                                                                                                                                                                     |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                      |
| <b>E</b>  | Indicates the reported value is estimated because of the presence of interference                                                                                                                                                                                                                                                                                             |
| <b>M</b>  | Indicates Duplicate injection precision not met.                                                                                                                                                                                                                                                                                                                              |
| <b>N</b>  | Indicates the spiked sample recovery is not within control limits.                                                                                                                                                                                                                                                                                                            |
| <b>S</b>  | Indicates the reported value was determined by the Method of Standard Addition (MSA).                                                                                                                                                                                                                                                                                         |
| <b>*</b>  | Indicates that the duplicate analysis is not within control limits.                                                                                                                                                                                                                                                                                                           |
| <b>+</b>  | Indicates the correlation coefficient for the MSA is less than 0.995.                                                                                                                                                                                                                                                                                                         |
| <b>D</b>  | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.                                                                                                                                                                                                                                       |
| <b>M</b>  | Method qualifiers<br>“P” for ICP instrument<br>“PM” for ICP when Microwave Digestion is used<br>“CV” for Manual Cold Vapor AA<br>“AV” for automated Cold Vapor AA<br>“CA” for MIDI-Distillation Spectrophotometric<br>“AS” for Semi -Automated Spectrophotometric<br>“C” for Manual Spectrophotometric<br>“T” for Titrimetric<br>“NR” for analyte not required to be analyzed |
| <b>OR</b> | Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                              |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                |
| <b>H</b>  | Sample Analysis Out Of Hold Time                                                                                                                                                                                                                                                                                                                                              |

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                                                                      |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| J     | Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ol> |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                                                                             |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                                                                       |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3017

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 09/09/2025

## LAB CHRONICLE

|                 |                      |                   |                               |
|-----------------|----------------------|-------------------|-------------------------------|
| <b>OrderID:</b> | Q3017                | <b>OrderDate:</b> | 9/4/2025 10:17:00 AM          |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | J12,VOA Lab                   |

| LabID    | ClientID                  | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|---------------------------|--------|---------------|--------|-------------|-----------|-----------|----------|
| Q3017-01 | BP-TB-20250903            | Water  | VOC-TCLVOA-10 | 624.1  | 09/03/25    |           | 09/04/25  | 09/04/25 |
| Q3017-02 | TT-076-IDWGW-2025<br>0903 | Water  | VOC-TCLVOA-10 | 624.1  | 09/03/25    |           | 09/04/25  | 09/04/25 |
| Q3017-03 | TT-077-IDWGW-2025<br>0903 | Water  | VOC-TCLVOA-10 | 624.1  | 09/03/25    |           | 09/04/25  | 09/04/25 |
| Q3017-04 | TT-078-IDWGW-2025<br>0903 | Water  | VOC-TCLVOA-10 | 624.1  | 09/03/25    |           | 09/04/25  | 09/04/25 |
| Q3017-05 | TT-079-IDWGW-2025<br>0903 | Water  | VOC-TCLVOA-10 | 624.1  | 09/03/25    |           | 09/04/25  | 09/04/25 |

**Hit Summary Sheet**  
SW-846

**SDG No.:** Q3017  
**Client:** Tetra Tech NUS, Inc.

| Sample ID         | Client ID                   | Matrix | Parameter                   | Concentration | C | MDL  | RDL  | Units |
|-------------------|-----------------------------|--------|-----------------------------|---------------|---|------|------|-------|
| <b>Client ID:</b> | <b>TT-076-IDWG-20250903</b> |        |                             |               |   |      |      |       |
| Q3017-02          | TT-076-IDWG-20250903        | Water  | Trichloroethene             | 6.70          |   | 0.49 | 5.00 | ug/L  |
|                   |                             |        | <b>Total Voc :</b>          | 6.70          |   |      |      |       |
|                   |                             |        | <b>Total Concentration:</b> | 6.70          |   |      |      |       |

A

B

C

D

E

F

G



# SAMPLE DATA

## 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:  | BP-TB-20250903                |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-01                      |           | 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 |
| VN087718.D        | 1         | 09/04/25 13:35 | 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  |

## 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:  | BP-TB-20250903                |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-01                      |           | 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 |
| VN087718.D        | 1         | 09/04/25 13:35 | 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       | 30.0   |           | 91 - 110 | 100%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 30.4   |           | 91 - 112 | 101%       | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 25.3   |           | 63 - 112 | 84%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 25000  | 7.8       |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 131000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 117000 | 11.847    |          |            |         |

## 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:  | BP-TB-20250903                |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-01                      |           | 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 |
| VN087718.D        | 1         | 09/04/25 13:35 | VN090425      |

| 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

## 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-076-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-02                      |           | 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 |
| VN087719.D        | 1         | 09/04/25 13:56 | 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                | 6.70  |           | 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  |

## 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-076-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-02                      |           | 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 |
| VN087719.D        | 1         | 09/04/25 13:56 | 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       | 29.8   |           | 91 - 110 | 99%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 29.5   |           | 91 - 112 | 98%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 25.4   |           | 63 - 112 | 85%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 31600  | 7.794     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 160000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 142000 | 11.847    |          |            |         |

## 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-076-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-02                      |           | 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 |
| VN087719.D        | 1         | 09/04/25 13:56 | VN090425      |

| 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

## 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-077-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-03                      |           | 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 |
| VN087722.D        | 1         | 09/04/25 14:58 | 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  |

## 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-077-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-03                      |           | 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 |
| VN087722.D        | 1         | 09/04/25 14:58 | 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       | 29.4   |           | 91 - 110 | 98%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 29.4   |           | 91 - 112 | 98%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 24.0   |           | 63 - 112 | 80%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 42000  | 7.794     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 226000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 201000 | 11.847    |          |            |         |

## 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-077-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-03                      |           | 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 |
| VN087722.D        | 1         | 09/04/25 14:58 | VN090425      |

| 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

## 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  |

## 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   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 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    |          |            |         |

## 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 |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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

## 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-079-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-05                      |           | 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 |
| VN087721.D        | 1         | 09/04/25 14:37 | 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  |

## 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-079-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-05                      |           | 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 |
| VN087721.D        | 1         | 09/04/25 14:37 | 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       | 29.4   |           | 91 - 110 | 98%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 30.7   |           | 91 - 112 | 102%       | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 25.4   |           | 63 - 112 | 85%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 39100  | 7.794     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 203000 | 9.083     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 175000 | 11.841    |          |            |         |

## 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-079-IDWGW-20250903         |           | SDG No.:        | Q3017         |    |
| Lab Sample ID:     | Q3017-05                      |           | 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 |
| VN087721.D        | 1         | 09/04/25 14:37 | VN090425      |

| 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



# QC SUMMARY

### Surrogate Summary

SDG No.: Q3017

Client: Tetra Tech NUS, Inc.

Analytical Method: SW624.1

| Lab Sample ID | Client ID             | Parameter             | Spike | Result | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------------|-----------------------|-------|--------|--------------|------|------------|------|
|               |                       |                       |       |        |              |      | Low        | High |
| Q3017-01      | BP-TB-20250903        | 1,2-Dichloroethane-d4 | 30    | 30.0   | 100          |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 30.4   | 101          |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 25.3   | 84           |      | 63         | 112  |
| Q3017-02      | TT-076-IDWGW-20250903 | 1,2-Dichloroethane-d4 | 30    | 29.8   | 99           |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 29.5   | 98           |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 25.4   | 85           |      | 63         | 112  |
| Q3017-03      | TT-077-IDWGW-20250903 | 1,2-Dichloroethane-d4 | 30    | 29.4   | 98           |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 29.4   | 98           |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 24.0   | 80           |      | 63         | 112  |
| Q3017-04      | TT-078-IDWGW-20250903 | 1,2-Dichloroethane-d4 | 30    | 29.2   | 97           |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 29.4   | 98           |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 25.5   | 85           |      | 63         | 112  |
| Q3017-05      | TT-079-IDWGW-20250903 | 1,2-Dichloroethane-d4 | 30    | 29.4   | 98           |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 30.7   | 102          |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 25.4   | 85           |      | 63         | 112  |
| VN0904WBL01   | VN0904WBL01           | 1,2-Dichloroethane-d4 | 30    | 30.5   | 102          |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 30.1   | 100          |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 25.9   | 86           |      | 63         | 112  |
| VN0904WBS01   | VN0904WBS01           | 1,2-Dichloroethane-d4 | 30    | 28.6   | 95           |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 30.1   | 100          |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 27.6   | 92           |      | 63         | 112  |
| VN0904WBSD0   | VN0904WBSD01          | 1,2-Dichloroethane-d4 | 30    | 27.8   | 93           |      | 91         | 110  |
|               |                       | Toluene-d8            | 30    | 29.7   | 99           |      | 91         | 112  |
|               |                       | 4-Bromofluorobenzene  | 30    | 28.5   | 95           |      | 63         | 112  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                      |                    |            |
|----------|----------------------|--------------------|------------|
| SDG No.: | Q3017                | Analytical Method: | SW624.1    |
| Client:  | Tetra Tech NUS, Inc. | Datafile :         | VN087715.D |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VN0904WBS01   | Dichlorodifluoromethane        | 20    | 19.4   | ug/L | 97  |     |      | 72  | 118         |     |
|               | Chloromethane                  | 20    | 18.8   | ug/L | 94  |     |      | 1   | 205         |     |
|               | Vinyl Chloride                 | 20    | 20.2   | ug/L | 101 |     |      | 5   | 195         |     |
|               | Bromomethane                   | 20    | 26.2   | ug/L | 131 |     |      | 15  | 185         |     |
|               | Chloroethane                   | 20    | 20.8   | ug/L | 104 |     |      | 40  | 160         |     |
|               | Trichlorofluoromethane         | 20    | 22.0   | ug/L | 110 |     |      | 50  | 150         |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 23.3   | ug/L | 117 |     |      | 64  | 127         |     |
|               | 1,1-Dichloroethene             | 20    | 22.5   | ug/L | 113 |     |      | 50  | 150         |     |
|               | Acetone                        | 100   | 100    | ug/L | 100 |     |      | 41  | 148         |     |
|               | Carbon disulfide               | 20    | 18.1   | ug/L | 91  |     |      | 76  | 107         |     |
|               | Methyl tert-butyl Ether        | 20    | 17.1   | ug/L | 86  |     |      | 82  | 114         |     |
|               | Methyl Acetate                 | 20    | 21.8   | ug/L | 109 |     |      | 63  | 139         |     |
|               | Methylene Chloride             | 20    | 18.9   | ug/L | 95  |     |      | 60  | 140         |     |
|               | trans-1,2-Dichloroethene       | 20    | 18.1   | ug/L | 91  |     |      | 70  | 130         |     |
|               | 1,1-Dichloroethane             | 20    | 18.9   | ug/L | 95  |     |      | 70  | 130         |     |
|               | Cyclohexane                    | 20    | 17.4   | ug/L | 87  |     |      | 79  | 113         |     |
|               | 2-Butanone                     | 100   | 91.6   | ug/L | 92  |     |      | 69  | 129         |     |
|               | Carbon Tetrachloride           | 20    | 19.5   | ug/L | 98  |     |      | 70  | 130         |     |
|               | cis-1,2-Dichloroethene         | 20    | 18.3   | ug/L | 92  |     |      | 81  | 112         |     |
|               | Chloroform                     | 20    | 18.9   | ug/L | 95  |     |      | 70  | 135         |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.9   | ug/L | 100 |     |      | 70  | 130         |     |
|               | Methylcyclohexane              | 20    | 17.6   | ug/L | 88  |     |      | 79  | 112         |     |
|               | Benzene                        | 20    | 19.1   | ug/L | 96  |     |      | 65  | 135         |     |
|               | 1,2-Dichloroethane             | 20    | 18.3   | ug/L | 92  |     |      | 70  | 130         |     |
|               | Trichloroethene                | 20    | 19.3   | ug/L | 97  |     |      | 65  | 135         |     |
|               | 1,2-Dichloropropane            | 20    | 19.5   | ug/L | 98  |     |      | 35  | 165         |     |
|               | Bromodichloromethane           | 20    | 18.9   | ug/L | 95  |     |      | 65  | 135         |     |
|               | 4-Methyl-2-Pentanone           | 100   | 91.2   | ug/L | 91  |     |      | 73  | 131         |     |
|               | Toluene                        | 20    | 19.0   | ug/L | 95  |     |      | 70  | 130         |     |
|               | t-1,3-Dichloropropene          | 20    | 17.7   | ug/L | 89  |     |      | 50  | 150         |     |
|               | cis-1,3-Dichloropropene        | 20    | 18.4   | ug/L | 92  |     |      | 25  | 175         |     |
|               | 1,1,2-Trichloroethane          | 20    | 19.7   | ug/L | 99  |     |      | 70  | 130         |     |
|               | 2-Hexanone                     | 100   | 83.6   | ug/L | 84  |     |      | 72  | 128         |     |
|               | Dibromochloromethane           | 20    | 18.8   | ug/L | 94  |     |      | 70  | 135         |     |
|               | 1,2-Dibromoethane              | 20    | 19.4   | ug/L | 97  |     |      | 86  | 114         |     |
|               | Tetrachloroethene              | 20    | 20.2   | ug/L | 101 |     |      | 70  | 130         |     |
|               | Chlorobenzene                  | 20    | 19.2   | ug/L | 96  |     |      | 65  | 135         |     |
|               | Ethyl Benzene                  | 20    | 18.4   | ug/L | 92  |     |      | 60  | 140         |     |
|               | m/p-Xylenes                    | 40    | 37.6   | ug/L | 94  |     |      | 87  | 111         |     |
|               | o-Xylene                       | 20    | 17.9   | ug/L | 90  |     |      | 87  | 111         |     |
|               | Styrene                        | 20    | 18.0   | ug/L | 90  |     |      | 85  | 106         |     |
|               | Bromoform                      | 20    | 18.0   | ug/L | 90  |     |      | 70  | 130         |     |
|               | Isopropylbenzene               | 20    | 18.5   | ug/L | 93  |     |      | 86  | 112         |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.7   | ug/L | 99  |     |      | 60  | 140         |     |
|               | 1,3,5-Trimethylbenzene         | 20    | 18.3   | ug/L | 92  |     |      | 66  | 139         |     |
|               | 1,3-Dichlorobenzene            | 20    | 19.4   | ug/L | 97  |     |      | 70  | 130         |     |
|               | 1,4-Dichlorobenzene            | 20    | 19.7   | ug/L | 99  |     |      | 65  | 135         |     |
|               | 1,2-Dichlorobenzene            | 20    | 19.8   | ug/L | 99  |     |      | 65  | 135         |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                             |                           |                   |
|-----------------|-----------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3017</u>                | <b>Analytical Method:</b> | <u>SW624.1</u>    |
| <b>Client:</b>  | <u>Tetra Tech NUS, Inc.</u> | <b>Datafile :</b>         | <u>VN087715.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      |     | High   |     |
| VN0904WBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 18.1   | ug/L | 91  |     |      | 69  | 122    |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 18.5   | ug/L | 93  |     |      | 61  | 118    |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.5   | ug/L | 93  |     |      | 38  | 159    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                      |                    |            |
|----------|----------------------|--------------------|------------|
| SDG No.: | Q3017                | Analytical Method: | SW624.1    |
| Client:  | Tetra Tech NUS, Inc. | Datafile :         | VN087716.D |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|-------------|-----|
| VN0904WBSD01  | Dichlorodifluoromethane        | 20    | 20.4   | ug/L | 102 | 5   |      | 72  | 118         | 20  |
|               | Chloromethane                  | 20    | 19.1   | ug/L | 96  | 2   |      | 1   | 205         | 20  |
|               | Vinyl Chloride                 | 20    | 20.8   | ug/L | 104 | 3   |      | 5   | 195         | 20  |
|               | Bromomethane                   | 20    | 26.7   | ug/L | 134 | 2   |      | 15  | 185         | 20  |
|               | Chloroethane                   | 20    | 21.7   | ug/L | 109 | 5   |      | 40  | 160         | 20  |
|               | Trichlorofluoromethane         | 20    | 22.5   | ug/L | 113 | 3   |      | 50  | 150         | 20  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 25.1   | ug/L | 126 | 7   |      | 64  | 127         | 20  |
|               | 1,1-Dichloroethene             | 20    | 22.0   | ug/L | 110 | 3   |      | 50  | 150         | 20  |
|               | Acetone                        | 100   | 96.3   | ug/L | 96  | 4   |      | 41  | 148         | 20  |
|               | Carbon disulfide               | 20    | 18.3   | ug/L | 92  | 1   |      | 76  | 107         | 20  |
|               | Methyl tert-butyl Ether        | 20    | 17.9   | ug/L | 90  | 5   |      | 82  | 114         | 20  |
|               | Methyl Acetate                 | 20    | 23.1   | ug/L | 116 | 6   |      | 63  | 139         | 20  |
|               | Methylene Chloride             | 20    | 19.7   | ug/L | 99  | 4   |      | 60  | 140         | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 19.0   | ug/L | 95  | 4   |      | 70  | 130         | 20  |
|               | 1,1-Dichloroethane             | 20    | 18.7   | ug/L | 94  | 1   |      | 70  | 130         | 20  |
|               | Cyclohexane                    | 20    | 18.2   | ug/L | 91  | 4   |      | 79  | 113         | 20  |
|               | 2-Butanone                     | 100   | 98.4   | ug/L | 98  | 6   |      | 69  | 129         | 20  |
|               | Carbon Tetrachloride           | 20    | 20.9   | ug/L | 104 | 6   |      | 70  | 130         | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 18.8   | ug/L | 94  | 2   |      | 81  | 112         | 20  |
|               | Chloroform                     | 20    | 19.6   | ug/L | 98  | 3   |      | 70  | 135         | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 21.0   | ug/L | 105 | 5   |      | 70  | 130         | 20  |
|               | Methylcyclohexane              | 20    | 19.1   | ug/L | 96  | 9   |      | 79  | 112         | 20  |
|               | Benzene                        | 20    | 20.1   | ug/L | 101 | 5   |      | 65  | 135         | 20  |
|               | 1,2-Dichloroethane             | 20    | 19.2   | ug/L | 96  | 4   |      | 70  | 130         | 20  |
|               | Trichloroethene                | 20    | 20.9   | ug/L | 104 | 7   |      | 65  | 135         | 20  |
|               | 1,2-Dichloropropane            | 20    | 21.1   | ug/L | 106 | 8   |      | 35  | 165         | 20  |
|               | Bromodichloromethane           | 20    | 20.1   | ug/L | 101 | 6   |      | 65  | 135         | 20  |
|               | 4-Methyl-2-Pentanone           | 100   | 100    | ug/L | 100 | 9   |      | 73  | 131         | 20  |
|               | Toluene                        | 20    | 20.5   | ug/L | 103 | 8   |      | 70  | 130         | 20  |
|               | t-1,3-Dichloropropene          | 20    | 19.3   | ug/L | 97  | 9   |      | 50  | 150         | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 19.5   | ug/L | 98  | 6   |      | 25  | 175         | 20  |
|               | 1,1,2-Trichloroethane          | 20    | 22.1   | ug/L | 111 | 11  |      | 70  | 130         | 20  |
|               | 2-Hexanone                     | 100   | 92.7   | ug/L | 93  | 10  |      | 72  | 128         | 20  |
|               | Dibromochloromethane           | 20    | 21.1   | ug/L | 106 | 12  |      | 70  | 135         | 20  |
|               | 1,2-Dibromoethane              | 20    | 20.2   | ug/L | 101 | 4   |      | 86  | 114         | 20  |
|               | Tetrachloroethene              | 20    | 21.9   | ug/L | 110 | 9   |      | 70  | 130         | 20  |
|               | Chlorobenzene                  | 20    | 20.4   | ug/L | 102 | 6   |      | 65  | 135         | 20  |
|               | Ethyl Benzene                  | 20    | 19.8   | ug/L | 99  | 7   |      | 60  | 140         | 20  |
|               | m/p-Xylenes                    | 40    | 39.4   | ug/L | 99  | 5   |      | 87  | 111         | 20  |
|               | o-Xylene                       | 20    | 19.3   | ug/L | 97  | 7   |      | 87  | 111         | 20  |
|               | Styrene                        | 20    | 19.3   | ug/L | 97  | 7   |      | 85  | 106         | 20  |
|               | Bromoform                      | 20    | 20.0   | ug/L | 100 | 11  |      | 70  | 130         | 20  |
|               | Isopropylbenzene               | 20    | 20.3   | ug/L | 102 | 9   |      | 86  | 112         | 20  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 21.2   | ug/L | 106 | 7   |      | 60  | 140         | 20  |
|               | 1,3,5-Trimethylbenzene         | 20    | 20.1   | ug/L | 101 | 9   |      | 66  | 139         | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 21.7   | ug/L | 109 | 12  |      | 70  | 130         | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 20.7   | ug/L | 104 | 5   |      | 65  | 135         | 20  |
|               | 1,2-Dichlorobenzene            | 20    | 21.6   | ug/L | 108 | 9   |      | 65  | 135         | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                             |                           |                   |
|-----------------|-----------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3017</u>                | <b>Analytical Method:</b> | <u>SW624.1</u>    |
| <b>Client:</b>  | <u>Tetra Tech NUS, Inc.</u> | <b>Datafile :</b>         | <u>VN087716.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      |     | High   |     |
| VN0904WBSD01  | 1,2-Dibromo-3-Chloropropane | 20    | 19.2   | ug/L | 96  | 5   |      | 69  | 122    | 20  |
|               | 1,2,4-Trichlorobenzene      | 20    | 20.8   | ug/L | 104 | 11  |      | 61  | 118    | 20  |
|               | 1,2,3-Trichlorobenzene      | 20    | 20.8   | ug/L | 104 | 11  |      | 38  | 159    | 20  |

VOLATILE METHOD BLANK SUMMARY

Client ID

VN0904WBL01

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3017

Lab File ID: VN087717.D

Lab Sample ID: VN0904WBL01

Date Analyzed: 09/04/2025

Time Analyzed: 12:59

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA\_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-----------------------|------------------|----------------|------------------|
| VN0904WBS01           | VN0904WBS01      | VN087715.D     | 09/04/2025       |
| VN0904WBSD01          | VN0904WBSD01     | VN087716.D     | 09/04/2025       |
| BP-TB-20250903        | Q3017-01         | VN087718.D     | 09/04/2025       |
| TT-076-IDWGW-20250903 | Q3017-02         | VN087719.D     | 09/04/2025       |
| TT-078-IDWGW-20250903 | Q3017-04         | VN087720.D     | 09/04/2025       |
| TT-079-IDWGW-20250903 | Q3017-05         | VN087721.D     | 09/04/2025       |
| TT-077-IDWGW-20250903 | Q3017-03         | VN087722.D     | 09/04/2025       |

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: VN087447.D  
Instrument ID: MSVOA\_N  
GC Column: RXI-624 ID: 0.25 (mm)

Contract: TETR06  
SDG NO.: Q3017  
BFB Injection Date: 08/05/2025  
BFB Injection Time: 09:27  
Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 24.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 58.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 1 ( 1.5 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 66.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.8 ( 7.2 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 65.2 ( 97.7 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.8 ( 7.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC005 | VSTDIC005     | VN087452.D  | 08/05/2025    | 13:37         |
| VSTDIC020 | VSTDIC020     | VN087453.D  | 08/05/2025    | 13:58         |
| VSTDIC050 | VSTDIC050     | VN087454.D  | 08/05/2025    | 14:19         |
| VSTDIC100 | VSTDIC100     | VN087455.D  | 08/05/2025    | 14:40         |
| VSTDIC150 | VSTDIC150     | VN087456.D  | 08/05/2025    | 15:01         |

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3017

Lab File ID: VN087713.D

BFB Injection Date: 09/04/2025

Instrument ID: MSVOA\_N

BFB Injection Time: 10:10

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 23.1                 |
| 75  | 30.0 - 60.0% of mass 95            | 57.3                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.8                  |
| 173 | Less than 2.0% of mass 174         | 0.9 ( 1.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67                   |
| 175 | 5.0 - 9.0% of mass 174             | 5.4 ( 8.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 65.8 ( 98.3 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.7 ( 7.1 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID             | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------------------|---------------|-------------|---------------|---------------|
| VSTDCCC020            | VSTDCCC020    | VN087714.D  | 09/04/2025    | 10:54         |
| VN0904WBS01           | VN0904WBS01   | VN087715.D  | 09/04/2025    | 12:04         |
| VN0904WBSD01          | VN0904WBSD01  | VN087716.D  | 09/04/2025    | 12:38         |
| VN0904WBL01           | VN0904WBL01   | VN087717.D  | 09/04/2025    | 12:59         |
| BP-TB-20250903        | Q3017-01      | VN087718.D  | 09/04/2025    | 13:35         |
| TT-076-IDWGW-20250903 | Q3017-02      | VN087719.D  | 09/04/2025    | 13:56         |
| TT-078-IDWGW-20250903 | Q3017-04      | VN087720.D  | 09/04/2025    | 14:16         |
| TT-079-IDWGW-20250903 | Q3017-05      | VN087721.D  | 09/04/2025    | 14:37         |
| TT-077-IDWGW-20250903 | Q3017-03      | VN087722.D  | 09/04/2025    | 14:58         |
| VSTDCCC020EC          | VSTDCCC020    | VN087723.D  | 09/04/2025    | 15:21         |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06  
Lab Code: ACE SDG NO.: Q3017  
Lab File ID: VN087714.D Date Analyzed: 09/04/2025  
Instrument ID: MSVOA\_N Time Analyzed: 10:54  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

|                       | IS1<br>AREA # | RT # | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #   |
|-----------------------|---------------|------|---------------|-------|---------------|--------|
| 12 HOUR STD           | 48350         | 7.80 | 251837        | 9.08  | 230082        | 11.85  |
| UPPER LIMIT           | 96700         | 8.3  | 503674        | 9.583 | 460164        | 12.347 |
| LOWER LIMIT           | 24175         | 7.3  | 125919        | 8.583 | 115041        | 11.347 |
| EPA SAMPLE NO.        |               |      |               |       |               |        |
| BP-TB-20250903        | 24981         | 7.80 | 130931        | 9.08  | 117412        | 11.85  |
| TT-076-IDWGW-20250903 | 31627         | 7.79 | 160432        | 9.08  | 142263        | 11.85  |
| TT-077-IDWGW-20250903 | 41995         | 7.79 | 225576        | 9.08  | 201361        | 11.85  |
| TT-078-IDWGW-20250903 | 36172         | 7.80 | 190299        | 9.08  | 168068        | 11.85  |
| TT-079-IDWGW-20250903 | 39130         | 7.79 | 202717        | 9.08  | 174966        | 11.84  |
| VN0904WBL01           | 37882         | 7.79 | 207176        | 9.08  | 183441        | 11.85  |
| VN0904WBS01           | 43425         | 7.79 | 231247        | 9.08  | 210355        | 11.85  |
| VN0904WBSD01          | 46987         | 7.79 | 246294        | 9.08  | 222512        | 11.85  |

IS1 = Bromochloromethane  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.



# QC SAMPLE DATA

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBL01                   |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBL01                   |           | 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 |
| VN087717.D        | 1         | 09/04/25 12:59 | 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  |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBL01                   |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBL01                   |           | 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 |
| VN087717.D        | 1         | 09/04/25 12:59 | 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       | 30.5   |           | 91 - 110 | 102%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 30.1   |           | 91 - 112 | 100%       | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 25.9   |           | 63 - 112 | 86%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 37900  | 7.794     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 207000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 183000 | 11.847    |          |            |         |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBL01                   |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBL01                   |           | 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 |
| VN087717.D        | 1         | 09/04/25 12:59 | VN090425      |

| 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

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBS01                   |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBS01                   |           | 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 |
| VN087715.D        | 1         | 09/04/25 12:04 | VN090425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 19.4  |           | 0.77 | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 18.8  |           | 0.64 | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 20.2  |           | 0.83 | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 26.2  |           | 0.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 20.8  |           | 2.30 | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 22.0  |           | 0.80 | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 23.3  |           | 0.96 | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 22.5  |           | 0.76 | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 100   |           | 4.60 | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 18.1  |           | 0.82 | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-Butyl Ether        | 17.1  |           | 0.77 | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 21.8  |           | 0.91 | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 18.9  |           | 0.86 | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 18.1  |           | 0.82 | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 18.9  |           | 0.68 | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 17.4  |           | 0.92 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 91.6  |           | 2.00 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 19.5  |           | 0.74 | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 18.3  |           | 0.80 | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 18.9  |           | 0.55 | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 19.9  |           | 0.63 | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 17.6  |           | 0.73 | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 19.1  |           | 0.45 | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 18.3  |           | 0.50 | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 19.3  |           | 0.49 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 19.5  |           | 0.46 | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 18.9  |           | 0.64 | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 91.2  |           | 3.00 | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 19.0  |           | 0.46 | 5.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 17.7  |           | 0.72 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBS01                   |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBS01                   |           | 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 |
| VN087715.D        | 1         | 09/04/25 12:04 | VN090425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 10061-01-5                | cis-1,3-Dichloropropene     | 18.4   |           | 0.67     | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 19.7   |           | 0.45     | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 83.6   |           | 3.20     | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 18.8   |           | 0.66     | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 19.4   |           | 0.56     | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 20.2   |           | 0.84     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 19.2   |           | 0.47     | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 18.4   |           | 0.56     | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 37.6   |           | 1.30     | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 17.9   |           | 0.67     | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 18.0   |           | 0.72     | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 18.0   |           | 0.94     | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 18.5   |           | 0.78     | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 19.7   |           | 0.44     | 5.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene      | 18.3   |           | 0.59     | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 19.4   |           | 0.67     | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 19.7   |           | 0.81     | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 19.8   |           | 0.67     | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 18.1   |           | 0.86     | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 18.5   |           | 1.00     | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 18.5   |           | 1.10     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 28.6   |           | 91 - 110 | 95%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 30.1   |           | 91 - 112 | 100%       | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 27.6   |           | 63 - 112 | 92%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 43400  | 7.794     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 231000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 210000 | 11.847    |          |            |         |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBS01                   |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBS01                   |           | 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 |
| VN087715.D        | 1         | 09/04/25 12:04 | VN090425      |

| 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

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBSD01                  |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBSD01                  |           | 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 |
| VN087716.D        | 1         | 09/04/25 12:38 | VN090425      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 20.4  |           | 0.77 | 5.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 19.1  |           | 0.64 | 5.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 20.8  |           | 0.83 | 5.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 26.7  |           | 0.80 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 21.7  |           | 2.30 | 5.00       | ug/L  |
| 75-69-4        | Trichlorofluoromethane         | 22.5  |           | 0.80 | 5.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 25.1  |           | 0.96 | 5.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 22.0  |           | 0.76 | 5.00       | ug/L  |
| 67-64-1        | Acetone                        | 96.3  |           | 4.60 | 25.0       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 18.3  |           | 0.82 | 5.00       | ug/L  |
| 1634-04-4      | Methyl tert-Butyl Ether        | 17.9  |           | 0.77 | 5.00       | ug/L  |
| 79-20-9        | Methyl Acetate                 | 23.1  |           | 0.91 | 5.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 19.7  |           | 0.86 | 5.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 19.0  |           | 0.82 | 5.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 18.7  |           | 0.68 | 5.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 18.2  |           | 0.92 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 98.4  |           | 2.00 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 20.9  |           | 0.74 | 5.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 18.8  |           | 0.80 | 5.00       | ug/L  |
| 67-66-3        | Chloroform                     | 19.6  |           | 0.55 | 5.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 21.0  |           | 0.63 | 5.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 19.1  |           | 0.73 | 5.00       | ug/L  |
| 71-43-2        | Benzene                        | 20.1  |           | 0.45 | 5.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 19.2  |           | 0.50 | 5.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 20.9  |           | 0.49 | 5.00       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane            | 21.1  |           | 0.46 | 5.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 20.1  |           | 0.64 | 5.00       | ug/L  |
| 108-10-1       | 4-Methyl-2-Pentanone           | 100   |           | 3.00 | 25.0       | ug/L  |
| 108-88-3       | Toluene                        | 20.5  |           | 0.46 | 5.00       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene          | 19.3  |           | 0.72 | 5.00       | ug/L  |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBSD01                  |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBSD01                  |           | 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 |
| VN087716.D        | 1         | 09/04/25 12:38 | VN090425      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| 10061-01-5                | cis-1,3-Dichloropropene     | 19.5   |           | 0.67     | 5.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane       | 22.1   |           | 0.45     | 5.00       | ug/L    |
| 591-78-6                  | 2-Hexanone                  | 92.7   |           | 3.20     | 25.0       | ug/L    |
| 124-48-1                  | Dibromochloromethane        | 21.1   |           | 0.66     | 5.00       | ug/L    |
| 106-93-4                  | 1,2-Dibromoethane           | 20.2   |           | 0.56     | 5.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene           | 21.9   |           | 0.84     | 5.00       | ug/L    |
| 108-90-7                  | Chlorobenzene               | 20.4   |           | 0.47     | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene               | 19.8   |           | 0.56     | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes                 | 39.4   |           | 1.30     | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene                    | 19.3   |           | 0.67     | 5.00       | ug/L    |
| 100-42-5                  | Styrene                     | 19.3   |           | 0.72     | 5.00       | ug/L    |
| 75-25-2                   | Bromoform                   | 20.0   |           | 0.94     | 5.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene            | 20.3   |           | 0.78     | 5.00       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 21.2   |           | 0.44     | 5.00       | ug/L    |
| 108-67-8                  | 1,3,5-Trimethylbenzene      | 20.1   |           | 0.59     | 5.00       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene         | 21.7   |           | 0.67     | 5.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene         | 20.7   |           | 0.81     | 5.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene         | 21.6   |           | 0.67     | 5.00       | ug/L    |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 19.2   |           | 0.86     | 5.00       | ug/L    |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 20.8   |           | 1.00     | 5.00       | ug/L    |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 20.8   |           | 1.10     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 27.8   |           | 91 - 110 | 93%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                  | 29.7   |           | 91 - 112 | 99%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene        | 28.5   |           | 63 - 112 | 95%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane          | 47000  | 7.794     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene         | 246000 | 9.082     |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5            | 223000 | 11.847    |          |            |         |

## Report of Analysis

|                    |                               |           |                 |               |
|--------------------|-------------------------------|-----------|-----------------|---------------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected: |               |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:  |               |
| Client Sample ID:  | VN0904WBSD01                  |           | SDG No.:        | Q3017         |
| Lab Sample ID:     | VN0904WBSD01                  |           | 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 |
| VN087716.D        | 1         | 09/04/25 12:38 | VN090425      |

| 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



# CALIBRATION SUMMARY

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                                                |                                                          |
|------------------------------------------------|----------------------------------------------------------|
| Lab Name: <u>Alliance</u>                      | Contract: <u>TETR06</u>                                  |
| Lab Code: <u>ACE</u>                           | SDG No.: <u>Q3017</u>                                    |
| Instrument ID: <u>MSVOA_N</u>                  | Calibration Date(s): <u>08/05/2025</u> <u>08/05/2025</u> |
| Heated Purge: (Y/N) <u>N</u>                   | Calibration Time(s): <u>13:37</u> <u>15:01</u>           |
| GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm) |                                                          |

| LAB FILE ID: RRF005 = VN087452.D RRF020 = VN087453.D RRF050 = VN087454.D<br>RRF100 = VN087455.D RRF150 = VN087456.D RRF = |        |        |        |        |        |     |       |       |
|---------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|-----|-------|-------|
| COMPOUND                                                                                                                  | RRF005 | RRF020 | RRF050 | RRF100 | RRF150 | RRF | RRF   | % RSD |
| Dichlorodifluoromethane                                                                                                   | 1.779  | 2.065  | 1.842  | 2.012  | 2.094  |     | 1.959 | 7.1   |
| Chloromethane                                                                                                             | 1.994  | 2.165  | 1.805  | 1.983  | 2.101  |     | 2.010 | 6.8   |
| Vinyl Chloride                                                                                                            | 2.092  | 2.289  | 1.905  | 2.161  | 2.210  |     | 2.131 | 6.8   |
| Bromomethane                                                                                                              | 1.027  | 1.160  | 1.070  | 1.220  | 1.291  |     | 1.154 | 9.3   |
| Chloroethane                                                                                                              | 1.413  | 1.441  | 1.211  | 1.381  | 1.427  |     | 1.374 | 6.8   |
| Trichlorofluoromethane                                                                                                    | 3.231  | 3.208  | 2.715  | 3.043  | 3.141  |     | 3.067 | 6.9   |
| 1,1,2-Trichlorotrifluoroethane                                                                                            | 1.716  | 1.591  | 1.388  | 1.528  | 1.598  |     | 1.564 | 7.7   |
| 1,1-Dichloroethene                                                                                                        | 1.704  | 1.730  | 1.440  | 1.616  | 1.725  |     | 1.643 | 7.5   |
| Acetone                                                                                                                   | 0.421  | 0.418  | 0.335  | 0.356  | 0.361  |     | 0.378 | 10.3  |
| Carbon Disulfide                                                                                                          | 5.413  | 5.176  | 4.534  | 5.095  | 5.266  |     | 5.097 | 6.6   |
| Methyl tert-Butyl Ether                                                                                                   | 7.611  | 7.656  | 6.765  | 7.529  | 7.874  |     | 7.487 | 5.7   |
| Methyl Acetate                                                                                                            | 2.942  | 3.094  | 2.763  | 3.128  | 3.234  |     | 3.032 | 6.1   |
| Methylene Chloride                                                                                                        | 2.274  | 2.168  | 1.887  | 2.100  | 2.148  |     | 2.115 | 6.7   |
| trans-1,2-Dichloroethene                                                                                                  | 2.081  | 2.014  | 1.729  | 1.927  | 2.019  |     | 1.954 | 7     |
| 1,1-Dichloroethane                                                                                                        | 3.979  | 4.147  | 3.567  | 3.949  | 4.076  |     | 3.944 | 5.7   |
| Cyclohexane                                                                                                               | 0.573  | 0.582  | 0.517  | 0.581  | 0.581  |     | 0.567 | 4.9   |
| 2-Butanone                                                                                                                | 0.377  | 0.365  | 0.334  | 0.365  | 0.363  |     | 0.361 | 4.5   |
| Carbon Tetrachloride                                                                                                      | 0.536  | 0.520  | 0.474  | 0.527  | 0.535  |     | 0.518 | 4.9   |
| cis-1,2-Dichloroethene                                                                                                    | 2.477  | 2.499  | 2.149  | 2.403  | 2.493  |     | 2.404 | 6.1   |
| Chloroform                                                                                                                | 4.236  | 4.223  | 3.738  | 4.105  | 4.280  |     | 4.116 | 5.4   |
| 1,1,1-Trichloroethane                                                                                                     | 0.651  | 0.618  | 0.571  | 0.636  | 0.645  |     | 0.624 | 5.2   |
| Methylcyclohexane                                                                                                         | 0.603  | 0.572  | 0.512  | 0.576  | 0.575  |     | 0.568 | 5.9   |
| Benzene                                                                                                                   | 1.608  | 1.540  | 1.410  | 1.580  | 1.584  |     | 1.545 | 5.1   |
| 1,2-Dichloroethane                                                                                                        | 0.661  | 0.636  | 0.564  | 0.626  | 0.634  |     | 0.624 | 5.8   |
| Trichloroethene                                                                                                           | 0.355  | 0.345  | 0.311  | 0.344  | 0.346  |     | 0.340 | 5     |
| 1,2-Dichloropropane                                                                                                       | 0.422  | 0.401  | 0.358  | 0.399  | 0.400  |     | 0.396 | 6     |
| Bromodichloromethane                                                                                                      | 0.662  | 0.606  | 0.561  | 0.623  | 0.634  |     | 0.617 | 6     |
| 4-Methyl-2-Pentanone                                                                                                      | 0.813  | 0.802  | 0.713  | 0.780  | 0.751  |     | 0.772 | 5.3   |
| Toluene                                                                                                                   | 1.975  | 1.905  | 1.689  | 1.854  | 1.835  |     | 1.852 | 5.7   |
| t-1,3-Dichloropropene                                                                                                     | 0.676  | 0.663  | 0.618  | 0.700  | 0.702  |     | 0.672 | 5.1   |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

# VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: TETR06  
Lab Code: ACE SDG No.: Q3017  
Instrument ID: MSVOA\_N Calibration Date(s): 08/05/2025 08/05/2025  
Heated Purge: (Y/N) N Calibration Time(s): 13:37 15:01  
GC Column: RXI-624 ID: 0.25 (mm)

| LAB FILE ID:                |        |        |                     |        |        |                     |       |       |
|-----------------------------|--------|--------|---------------------|--------|--------|---------------------|-------|-------|
| RRF005 = VN087452.D         |        |        | RRF020 = VN087453.D |        |        | RRF050 = VN087454.D |       |       |
| RRF100 = VN087455.D         |        |        | RRF150 = VN087456.D |        |        | RRF =               |       |       |
| COMPOUND                    | RRF005 | RRF020 | RRF050              | RRF100 | RRF150 | RRF                 | RRF   | % RSD |
| cis-1,3-Dichloropropene     | 0.687  | 0.664  | 0.629               | 0.696  | 0.704  |                     | 0.676 | 4.5   |
| 1,1,2-Trichloroethane       | 0.385  | 0.375  | 0.344               | 0.386  | 0.388  |                     | 0.375 | 4.9   |
| 2-Hexanone                  | 0.484  | 0.527  | 0.504               | 0.561  | 0.545  |                     | 0.524 | 5.9   |
| Dibromochloromethane        | 0.427  | 0.424  | 0.402               | 0.455  | 0.460  |                     | 0.434 | 5.5   |
| 1,2-Dibromoethane           | 0.401  | 0.400  | 0.364               | 0.414  | 0.413  |                     | 0.399 | 5.1   |
| Tetrachloroethene           | 0.320  | 0.292  | 0.270               | 0.290  | 0.289  |                     | 0.292 | 6.1   |
| Chlorobenzene               | 1.218  | 1.156  | 1.030               | 1.149  | 1.135  |                     | 1.138 | 6     |
| Ethyl Benzene               | 2.154  | 2.115  | 1.892               | 2.094  | 2.064  |                     | 2.064 | 4.9   |
| m/p-Xylenes                 | 0.796  | 0.768  | 0.702               | 0.768  | 0.753  |                     | 0.758 | 4.6   |
| o-Xylene                    | 0.791  | 0.754  | 0.681               | 0.756  | 0.745  |                     | 0.745 | 5.4   |
| Styrene                     | 1.257  | 1.295  | 1.182               | 1.323  | 1.307  |                     | 1.273 | 4.4   |
| Bromoform                   | 0.268  | 0.276  | 0.268               | 0.310  | 0.312  |                     | 0.287 | 7.8   |
| Isopropylbenzene            | 1.938  | 1.936  | 1.729               | 1.947  | 1.916  |                     | 1.893 | 4.9   |
| 1,1,2,2-Tetrachloroethane   | 0.692  | 0.679  | 0.590               | 0.654  | 0.628  |                     | 0.649 | 6.3   |
| 1,3,5-Trimethylbenzene      | 1.705  | 1.661  | 1.495               | 1.646  | 1.599  |                     | 1.621 | 4.9   |
| 1,3-Dichlorobenzene         | 0.874  | 0.853  | 0.777               | 0.847  | 0.828  |                     | 0.836 | 4.4   |
| 1,4-Dichlorobenzene         | 0.884  | 0.870  | 0.790               | 0.858  | 0.835  |                     | 0.847 | 4.4   |
| 1,2-Dichlorobenzene         | 0.812  | 0.819  | 0.750               | 0.814  | 0.794  |                     | 0.798 | 3.6   |
| 1,2-Dibromo-3-Chloropropane | 0.173  | 0.170  | 0.149               | 0.166  | 0.164  |                     | 0.164 | 5.7   |
| 1,2,4-Trichlorobenzene      | 0.495  | 0.478  | 0.435               | 0.486  | 0.490  |                     | 0.477 | 5     |
| 1,2,3-Trichlorobenzene      | 0.495  | 0.478  | 0.435               | 0.486  | 0.490  |                     | 0.477 | 5     |
| 1,2-Dichloroethane-d4       | 2.772  | 2.838  | 2.776               | 2.704  | 2.746  |                     | 2.767 | 1.8   |
| Toluene-d8                  | 1.413  | 1.382  | 1.386               | 1.386  | 1.336  |                     | 1.380 | 2     |
| 4-Bromofluorobenzene        | 0.512  | 0.520  | 0.522               | 0.520  | 0.508  |                     | 0.516 | 1.1   |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETRO6</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3017</u>                        |
| Instrument ID:      | <u>MSVOA_N</u>    | Calibration Date/Time: | <u>09/04/2025</u> <u>10:54</u>      |
| Lab File ID:        | <u>VN087714.D</u> | Init. Calib. Date(s):  | <u>08/05/2025</u> <u>08/05/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:37</u> <u>15:01</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)                    |

| COMPOUND                       | RRF   | RRF020 | MIN<br>RRF | %D     | MAX%D |
|--------------------------------|-------|--------|------------|--------|-------|
| Dichlorodifluoromethane        | 1.959 | 1.866  |            | -4.75  |       |
| Chloromethane                  | 2.010 | 1.986  |            | -1.19  |       |
| Vinyl Chloride                 | 2.131 | 2.243  | 0.1        | 5.26   |       |
| Bromomethane                   | 1.154 | 1.401  | 0.1        | 21.4   |       |
| Chloroethane                   | 1.374 | 1.554  |            | 13.1   |       |
| Trichlorofluoromethane         | 3.067 | 3.309  |            | 7.89   |       |
| 1,1,2-Trichlorotrifluoroethane | 1.564 | 1.932  |            | 23.53  |       |
| 1,1-Dichloroethene             | 1.643 | 1.813  | 0.1        | 10.35  |       |
| Acetone                        | 0.378 | 0.415  |            | 9.79   |       |
| Carbon Disulfide               | 5.097 | 4.692  |            | -7.95  |       |
| Methyl tert-Butyl Ether        | 7.487 | 6.633  |            | -11.41 |       |
| Methyl Acetate                 | 3.032 | 3.414  |            | 12.6   |       |
| Methylene Chloride             | 2.115 | 2.111  |            | -0.19  |       |
| trans-1,2-Dichloroethene       | 1.954 | 1.795  |            | -8.14  |       |
| 1,1-Dichloroethane             | 3.944 | 3.822  | 0.2        | -3.09  |       |
| Cyclohexane                    | 0.567 | 0.533  |            | -6     |       |
| 2-Butanone                     | 0.361 | 0.349  |            | -3.32  |       |
| Carbon Tetrachloride           | 0.518 | 0.535  | 0.1        | 3.28   |       |
| cis-1,2-Dichloroethene         | 2.404 | 2.299  |            | -4.37  |       |
| Chloroform                     | 4.116 | 4.110  | 0.2        | -0.15  |       |
| 1,1,1-Trichloroethane          | 0.624 | 0.649  | 0.1        | 4.01   |       |
| Methylcyclohexane              | 0.568 | 0.516  |            | -9.15  |       |
| Benzene                        | 1.545 | 1.589  | 0.5        | 2.85   |       |
| 1,2-Dichloroethane             | 0.624 | 0.634  | 0.1        | 1.6    |       |
| Trichloroethene                | 0.340 | 0.353  | 0.3        | 3.82   |       |
| 1,2-Dichloropropane            | 0.396 | 0.424  |            | 7.07   |       |
| Bromodichloromethane           | 0.617 | 0.630  | 0.2        | 2.11   |       |
| 4-Methyl-2-Pentanone           | 0.772 | 0.767  |            | -0.65  |       |
| Toluene                        | 1.852 | 1.893  | 0.4        | 2.21   |       |
| t-1,3-Dichloropropene          | 0.672 | 0.655  | 0.1        | -2.53  |       |
| cis-1,3-Dichloropropene        | 0.676 | 0.679  | 0.2        | 0.44   |       |
| 1,1,2-Trichloroethane          | 0.375 | 0.414  | 0.1        | 10.4   |       |
| 2-Hexanone                     | 0.524 | 0.501  |            | -4.39  |       |
| Dibromochloromethane           | 0.434 | 0.444  | 0.1        | 2.3    |       |
| 1,2-Dibromoethane              | 0.399 | 0.402  |            | 0.75   |       |
| Tetrachloroethene              | 0.292 | 0.310  | 0.2        | 6.16   |       |
| Chlorobenzene                  | 1.138 | 1.183  | 0.5        | 3.95   |       |
| Ethyl Benzene                  | 2.064 | 2.036  | 0.1        | -1.36  |       |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3017</u>                        |
| Instrument ID:      | <u>MSVOA_N</u>    | Calibration Date/Time: | <u>09/04/2025</u> <u>10:54</u>      |
| Lab File ID:        | <u>VN087714.D</u> | Init. Calib. Date(s):  | <u>08/05/2025</u> <u>08/05/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:37</u> <u>15:01</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)                    |

| COMPOUND                    | RRF   | RRF020 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| m/p-Xylenes                 | 0.758 | 0.763  | 0.3        | 0.66  |       |
| o-Xylene                    | 0.745 | 0.703  | 0.3        | -5.64 |       |
| Styrene                     | 1.273 | 1.239  | 0.3        | -2.67 |       |
| Bromoform                   | 0.287 | 0.279  | 0.1        | -2.79 |       |
| Isopropylbenzene            | 1.893 | 1.852  |            | -2.17 |       |
| 1,1,2,2-Tetrachloroethane   | 0.649 | 0.708  | 0.3        | 9.09  |       |
| 1,3,5-Trimethylbenzene      | 1.621 | 1.616  |            | -0.31 |       |
| 1,3-Dichlorobenzene         | 0.836 | 0.893  | 0.2        | 6.82  |       |
| 1,4-Dichlorobenzene         | 0.847 | 0.928  | 0.2        | 9.56  |       |
| 1,2-Dichlorobenzene         | 0.798 | 0.850  | 0.2        | 6.52  |       |
| 1,2-Dibromo-3-Chloropropane | 0.164 | 0.148  |            | -9.76 |       |
| 1,2,4-Trichlorobenzene      | 0.477 | 0.473  | 0.2        | -0.84 |       |
| 1,2,3-Trichlorobenzene      | 0.477 | 0.473  |            | -0.84 |       |
| 1,2-Dichloroethane-d4       | 2.767 | 2.576  | 0.01       | -6.9  |       |
| Toluene-d8                  | 1.380 | 1.399  | 0.01       | 1.38  |       |
| 4-Bromofluorobenzene        | 0.516 | 0.504  | 0.2        | -2.33 |       |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                              |
|---------------------|-------------------|------------------------|------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3017</u>                 |
| Instrument ID:      | <u>MSVOA_N</u>    | Calibration Date/Time: | <u>09/04/2025 15:21</u>      |
| Lab File ID:        | <u>VN087723.D</u> | Init. Calib. Date(s):  | <u>08/05/2025 08/05/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:37 15:01</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                       | RRF   | RRF020 | MIN RRF | %D     | MAX%D |
|--------------------------------|-------|--------|---------|--------|-------|
| Dichlorodifluoromethane        | 1.959 | 1.834  |         | -6.38  | 50    |
| Chloromethane                  | 2.010 | 1.897  |         | -5.62  | 50    |
| Vinyl Chloride                 | 2.131 | 2.066  | 0.1     | -3.05  | 50    |
| Bromomethane                   | 1.154 | 1.459  | 0.1     | 26.43  | 50    |
| Chloroethane                   | 1.374 | 1.536  |         | 11.79  | 50    |
| Trichlorofluoromethane         | 3.067 | 3.312  |         | 7.99   | 50    |
| 1,1,2-Trichlorotrifluoroethane | 1.564 | 1.899  |         | 21.42  | 50    |
| 1,1-Dichloroethene             | 1.643 | 1.893  | 0.1     | 15.22  | 50    |
| Acetone                        | 0.378 | 0.360  |         | -4.76  | 50    |
| Carbon Disulfide               | 5.097 | 4.471  |         | -12.28 | 50    |
| Methyl tert-Butyl Ether        | 7.487 | 6.600  |         | -11.85 | 50    |
| Methyl Acetate                 | 3.032 | 3.303  |         | 8.94   | 50    |
| Methylene Chloride             | 2.115 | 2.044  |         | -3.36  | 50    |
| trans-1,2-Dichloroethene       | 1.954 | 1.833  |         | -6.19  | 50    |
| 1,1-Dichloroethane             | 3.944 | 3.832  | 0.2     | -2.84  | 50    |
| Cyclohexane                    | 0.567 | 0.572  |         | 0.88   | 50    |
| 2-Butanone                     | 0.361 | 0.359  |         | -0.55  | 50    |
| Carbon Tetrachloride           | 0.518 | 0.552  | 0.1     | 6.56   | 50    |
| cis-1,2-Dichloroethene         | 2.404 | 2.228  |         | -7.32  | 50    |
| Chloroform                     | 4.116 | 4.038  | 0.2     | -1.89  | 50    |
| 1,1,1-Trichloroethane          | 0.624 | 0.682  | 0.1     | 9.3    | 50    |
| Methylcyclohexane              | 0.568 | 0.521  |         | -8.27  | 50    |
| Benzene                        | 1.545 | 1.651  | 0.5     | 6.86   | 50    |
| 1,2-Dichloroethane             | 0.624 | 0.631  | 0.1     | 1.12   | 50    |
| Trichloroethene                | 0.340 | 0.381  | 0.3     | 12.06  | 50    |
| 1,2-Dichloropropane            | 0.396 | 0.430  |         | 8.59   | 50    |
| Bromodichloromethane           | 0.617 | 0.664  | 0.2     | 7.62   | 50    |
| 4-Methyl-2-Pentanone           | 0.772 | 0.785  |         | 1.68   | 50    |
| Toluene                        | 1.852 | 1.895  | 0.4     | 2.32   | 50    |
| t-1,3-Dichloropropene          | 0.672 | 0.654  | 0.1     | -2.68  | 50    |
| cis-1,3-Dichloropropene        | 0.676 | 0.678  | 0.2     | 0.3    | 50    |
| 1,1,2-Trichloroethane          | 0.375 | 0.420  | 0.1     | 12     | 50    |
| 2-Hexanone                     | 0.524 | 0.496  |         | -5.34  | 50    |
| Dibromochloromethane           | 0.434 | 0.481  | 0.1     | 10.83  | 50    |
| 1,2-Dibromoethane              | 0.399 | 0.423  |         | 6.01   | 50    |
| Tetrachloroethene              | 0.292 | 0.328  | 0.2     | 12.33  | 50    |
| Chlorobenzene                  | 1.138 | 1.179  | 0.5     | 3.6    | 50    |
| Ethyl Benzene                  | 2.064 | 2.011  | 0.1     | -2.57  | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

|                     |                   |                        |                                     |
|---------------------|-------------------|------------------------|-------------------------------------|
| Lab Name:           | <u>Alliance</u>   | Contract:              | <u>TETR06</u>                       |
| Lab Code:           | <u>ACE</u>        | SDG No.:               | <u>Q3017</u>                        |
| Instrument ID:      | <u>MSVOA_N</u>    | Calibration Date/Time: | <u>09/04/2025</u> <u>15:21</u>      |
| Lab File ID:        | <u>VN087723.D</u> | Init. Calib. Date(s):  | <u>08/05/2025</u> <u>08/05/2025</u> |
| Heated Purge: (Y/N) | <u>N</u>          | Init. Calib. Time(s):  | <u>13:37</u> <u>15:01</u>           |
| GC Column:          | <u>RXI-624</u>    | ID:                    | <u>0.25</u> (mm)                    |

| COMPOUND                    | RRF   | RRF020 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| m/p-Xylenes                 | 0.758 | 0.747  | 0.3        | -1.45 | 50    |
| o-Xylene                    | 0.745 | 0.743  | 0.3        | -0.27 | 50    |
| Styrene                     | 1.273 | 1.265  | 0.3        | -0.63 | 50    |
| Bromoform                   | 0.287 | 0.293  | 0.1        | 2.09  | 50    |
| Isopropylbenzene            | 1.893 | 1.855  |            | -2.01 | 50    |
| 1,1,2,2-Tetrachloroethane   | 0.649 | 0.703  | 0.3        | 8.32  | 50    |
| 1,3,5-Trimethylbenzene      | 1.621 | 1.619  |            | -0.12 | 50    |
| 1,3-Dichlorobenzene         | 0.836 | 0.917  | 0.2        | 9.69  | 50    |
| 1,4-Dichlorobenzene         | 0.847 | 0.935  | 0.2        | 10.39 | 50    |
| 1,2-Dichlorobenzene         | 0.798 | 0.896  | 0.2        | 12.28 | 50    |
| 1,2-Dibromo-3-Chloropropane | 0.164 | 0.157  |            | -4.27 | 50    |
| 1,2,4-Trichlorobenzene      | 0.477 | 0.493  | 0.2        | 3.35  | 50    |
| 1,2,3-Trichlorobenzene      | 0.477 | 0.493  |            | 3.35  | 50    |
| 1,2-Dichloroethane-d4       | 2.767 | 2.506  | 0.01       | -9.43 | 50    |
| Toluene-d8                  | 1.380 | 1.388  | 0.01       | 0.58  | 50    |
| 4-Bromofluorobenzene        | 0.516 | 0.489  | 0.2        | -5.23 | 50    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

## LAB CHRONICLE

|                 |                      |                   |                               |
|-----------------|----------------------|-------------------|-------------------------------|
| <b>OrderID:</b> | Q3017                | <b>OrderDate:</b> | 9/4/2025 10:17:00 AM          |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | J12,VOA Lab                   |

| LabID           | ClientID                          | Matrix       | Test | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-----------------------------------|--------------|------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3017-02</b> | <b>TT-076-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | PCB  | 8082A  |                 | 09/04/25  | 09/05/25  |                 |
| <b>Q3017-03</b> | <b>TT-077-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | PCB  | 8082A  |                 | 09/04/25  | 09/05/25  |                 |
| <b>Q3017-04</b> | <b>TT-078-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | PCB  | 8082A  |                 | 09/04/25  | 09/05/25  |                 |
| <b>Q3017-05</b> | <b>TT-079-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | PCB  | 8082A  |                 | 09/04/25  | 09/05/25  |                 |

# Hit Summary Sheet SW-846

SDG No.: Q3017

Order ID: Q3017

Client: Tetra Tech NUS, Inc.

Project ID: NWIRP Bethpage 112G08005-WE13

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-----|-------|

Client ID :

Total Concentration: 0.000



# SAMPLE DATA

## 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-076-IDWGW-20250903         |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | Q3017-02                      |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 3510C                         |           |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP074893.D        | 1         | 09/04/25 11:05 | 09/05/25 11:30 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.8  |           | 35 - 137 |      | 104%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.3  |           | 40 - 135 |      | 97%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## 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-077-IDWGW-20250903         |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | Q3017-03                      |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 3510C                         |           |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP074894.D        | 1         | 09/04/25 11:05 | 09/05/25 11:46 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.6  |           | 35 - 137 |      | 93%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.2  |           | 40 - 135 |      | 101%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## 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: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 3510C                         |           |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP074895.D        | 1         | 09/04/25 11:05 | 09/05/25 12:02 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 21.4  |           | 35 - 137 |      | 107%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.2  |           | 40 - 135 |      | 91%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## 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-079-IDWGW-20250903         |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | Q3017-05                      |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 3510C                         |           |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP074896.D        | 1         | 09/04/25 11:05 | 09/05/25 12:19 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 24.9  |           | 35 - 137 |      | 124%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.5  |           | 40 - 135 |      | 103%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# QC SUMMARY

### Surrogate Summary

SDG No.: Q3017

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

| Lab Sample ID    | Client ID             | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|-----------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                       |                   |        |       |        |             |      | Low       | High |
| I.BLK-PO113002.D | PIBLK-PO113002.D      | Tetrachloro-m-xyl | 1      | 20    | 16.6   | 83          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 17.2   | 86          |      | 60        | 140  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 16.9   | 84          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 18.1   | 91          |      | 60        | 140  |
| I.BLK-PO113482.D | PIBLK-PO113482.D      | Tetrachloro-m-xyl | 1      | 20    | 18.8   | 94          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 17.8   | 89          |      | 60        | 140  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 18.2   | 91          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 19.4   | 97          |      | 60        | 140  |
| PB169547BL       | PB169547BL            | Tetrachloro-m-xyl | 1      | 20    | 20.4   | 102         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 18.9   | 95          |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 19.5   | 97          |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 20.6   | 103         |      | 40        | 135  |
| PB169547BS       | PB169547BS            | Tetrachloro-m-xyl | 1      | 20    | 20.2   | 101         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 19.4   | 97          |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 19.2   | 96          |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 21.3   | 106         |      | 40        | 135  |
| PB169547BSD      | PB169547BSD           | Tetrachloro-m-xyl | 1      | 20    | 19.6   | 98          |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 18.8   | 94          |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 18.6   | 93          |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 20.5   | 102         |      | 40        | 135  |
| I.BLK-PO113492.D | PIBLK-PO113492.D      | Tetrachloro-m-xyl | 1      | 20    | 19.6   | 98          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 18.9   | 94          |      | 60        | 140  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 18.6   | 93          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 20.2   | 101         |      | 60        | 140  |
| I.BLK-PP074490.D | PIBLK-PP074490.D      | Tetrachloro-m-xyl | 1      | 20    | 17.8   | 89          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 18.2   | 91          |      | 60        | 140  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 15.7   | 78          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 16.9   | 85          |      | 60        | 140  |
| I.BLK-PP074887.D | PIBLK-PP074887.D      | Tetrachloro-m-xyl | 1      | 20    | 18.0   | 90          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 17.6   | 88          |      | 60        | 140  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 16.6   | 83          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 14.3   | 72          |      | 60        | 140  |
| Q3017-02         | TT-076-IDWGW-20250903 | Tetrachloro-m-xyl | 1      | 20    | 20.8   | 104         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 19.3   | 97          |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 20.8   | 104         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 15.9   | 80          |      | 40        | 135  |
| Q3017-03         | TT-077-IDWGW-20250903 | Tetrachloro-m-xyl | 1      | 20    | 18.6   | 93          |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 20.2   | 101         |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 18.3   | 91          |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 16.9   | 84          |      | 40        | 135  |
| Q3017-04         | TT-078-IDWGW-20250903 | Tetrachloro-m-xyl | 1      | 20    | 20.3   | 102         |      | 35        | 137  |

### Surrogate Summary

SDG No.: Q3017

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

| Lab Sample ID    | Client ID             | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|-----------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                       |                   |        |       |        |             |      | Low       | High |
| Q3017-04         | TT-078-IDWGW-20250903 | Decachlorobiphen  | 1      | 20    | 18.2   | 91          |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 21.4   | 107         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 14.7   | 73          |      | 40        | 135  |
| Q3017-05         | TT-079-IDWGW-20250903 | Tetrachloro-m-xyl | 1      | 20    | 21.0   | 105         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 20.5   | 103         |      | 40        | 135  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 24.9   | 124         |      | 35        | 137  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 17.2   | 86          |      | 40        | 135  |
| I.BLK-PP074898.D | PIBLK-PP074898.D      | Tetrachloro-m-xyl | 1      | 20    | 17.7   | 88          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 1      | 20    | 17.2   | 86          |      | 60        | 140  |
|                  |                       | Tetrachloro-m-xyl | 2      | 20    | 15.6   | 78          |      | 60        | 140  |
|                  |                       | Decachlorobiphen  | 2      | 20    | 13.9   | 70          |      | 60        | 140  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                             |                           |                   |
|-----------------|-----------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3017</u>                | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Tetra Tech NUS, Inc.</u> | <b>Datafile :</b>         | <u>PO113484.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |           |       |        |       |     |     |      | Qual |     | High   |     |
| PB169547BS<br>(Column 1) | AR1016    | 5     | 4.70   | ug/L  | 94  |     |      |      | 46  | 129    |     |
|                          | AR1260    | 5     | 4.50   | ug/L  | 90  |     |      |      | 45  | 134    |     |
| PB169547BS<br>(Column 2) | AR1016    | 5     | 4.40   | ug/L  | 88  |     |      |      | 46  | 129    |     |
|                          | AR1260    | 5     | 3.90   | ug/L  | 78  |     |      |      | 45  | 134    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |                             |                           |                   |
|-----------------|-----------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3017</u>                | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>Tetra Tech NUS, Inc.</u> | <b>Datafile :</b>         | <u>PO113485.D</u> |

| Lab Sample ID             | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|                           |           |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB169547BSD<br>(Column 1) | AR1016    | 5     | 4.70   | ug/L  | 94  | 0   |      |      | 46  | 129    |  | 20  |
|                           | AR1260    | 5     | 4.30   | ug/L  | 86  | 5   |      |      | 45  | 134    |  | 20  |
| PB169547BSD<br>(Column 2) | AR1016    | 5     | 4.30   | ug/L  | 86  | 2   |      |      | 46  | 129    |  | 20  |
|                           | AR1260    | 5     | 3.80   | ug/L  | 76  | 3   |      |      | 45  | 134    |  | 20  |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169547BL

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3017

Lab Sample ID: PB169547BL

Lab File ID: PO113483.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/04/2025

Date Analyzed (1): 09/04/2025

Date Analyzed (2): 09/04/2025

Time Analyzed (1): 20:56

Time Analyzed (2): 20:56

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO.     | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-----------------------|------------------|----------------|--------------------|--------------------|
| PB169547BS            | PB169547BS       | PO113484.D     | 09/04/2025         | 09/04/2025         |
| PB169547BSD           | PB169547BSD      | PO113485.D     | 09/04/2025         | 09/04/2025         |
| TT-076-IDWGW-20250903 | Q3017-02         | PP074893.D     | 09/05/2025         | 09/05/2025         |
| TT-077-IDWGW-20250903 | Q3017-03         | PP074894.D     | 09/05/2025         | 09/05/2025         |
| TT-078-IDWGW-20250903 | Q3017-04         | PP074895.D     | 09/05/2025         | 09/05/2025         |
| TT-079-IDWGW-20250903 | Q3017-05         | PP074896.D     | 09/05/2025         | 09/05/2025         |

COMMENTS: \_\_\_\_\_



# CALIBRATION SUMMARY

# RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>TETR06</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q3017</u>                        |
| Instrument ID: | <u>ECD_O</u>    | Calibration Date(s): | <u>08/18/2025</u> <u>08/18/2025</u> |
|                |                 | Calibration Times:   | <u>09:53</u> <u>18:24</u>           |

GC Column: ZB-MR1      ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PO113003.D</u> | RT 750 = <u>PO113004.D</u> |
| RT 500 = <u>PO113005.D</u> | RT 250 = <u>PO113006.D</u>  | RT 050 = <u>PO113007.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.75    | 4.75   | 4.75   | 4.75   | 4.75   | 4.75       | 4.65      | 4.85 |
| Aroclor-1016-2       | (2) | 4.77    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1016-3       | (3) | 4.82    | 4.82   | 4.82   | 4.82   | 4.82   | 4.82       | 4.72      | 4.92 |
| Aroclor-1016-4       | (4) | 4.94    | 4.94   | 4.94   | 4.94   | 4.94   | 4.94       | 4.84      | 5.04 |
| Aroclor-1016-5       | (5) | 5.20    | 5.20   | 5.20   | 5.20   | 5.20   | 5.20       | 5.10      | 5.30 |
| Aroclor-1260-1       | (1) | 6.24    | 6.24   | 6.24   | 6.24   | 6.23   | 6.24       | 6.14      | 6.34 |
| Aroclor-1260-2       | (2) | 6.43    | 6.43   | 6.43   | 6.43   | 6.42   | 6.43       | 6.33      | 6.53 |
| Aroclor-1260-3       | (3) | 6.79    | 6.79   | 6.79   | 6.79   | 6.79   | 6.79       | 6.69      | 6.89 |
| Aroclor-1260-4       | (4) | 7.05    | 7.05   | 7.05   | 7.05   | 7.05   | 7.05       | 6.95      | 7.15 |
| Aroclor-1260-5       | (5) | 7.29    | 7.29   | 7.29   | 7.29   | 7.29   | 7.29       | 7.19      | 7.39 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1242-1       | (1) | 4.75    | 4.75   | 4.75   | 4.75   | 4.75   | 4.75       | 4.65      | 4.85 |
| Aroclor-1242-2       | (2) | 4.77    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1242-3       | (3) | 4.82    | 4.82   | 4.82   | 4.82   | 4.82   | 4.82       | 4.72      | 4.92 |
| Aroclor-1242-4       | (4) | 4.94    | 4.94   | 4.94   | 4.94   | 4.94   | 4.94       | 4.84      | 5.04 |
| Aroclor-1242-5       | (5) | 5.59    | 5.59   | 5.59   | 5.59   | 5.59   | 5.59       | 5.49      | 5.69 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1248-1       | (1) | 4.75    | 4.75   | 4.75   | 4.75   | 4.75   | 4.75       | 4.65      | 4.85 |
| Aroclor-1248-2       | (2) | 4.99    | 4.99   | 4.98   | 4.99   | 4.99   | 4.99       | 4.89      | 5.09 |
| Aroclor-1248-3       | (3) | 5.20    | 5.20   | 5.20   | 5.20   | 5.20   | 5.20       | 5.10      | 5.30 |
| Aroclor-1248-4       | (4) | 5.55    | 5.55   | 5.55   | 5.55   | 5.55   | 5.55       | 5.45      | 5.65 |
| Aroclor-1248-5       | (5) | 5.59    | 5.59   | 5.59   | 5.59   | 5.59   | 5.59       | 5.49      | 5.69 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1254-1       | (1) | 5.55    | 5.55   | 5.55   | 5.55   | 5.55   | 5.55       | 5.45      | 5.65 |
| Aroclor-1254-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80 |
| Aroclor-1254-3       | (3) | 6.10    | 6.11   | 6.11   | 6.11   | 6.11   | 6.11       | 6.01      | 6.21 |
| Aroclor-1254-4       | (4) | 6.33    | 6.34   | 6.34   | 6.34   | 6.34   | 6.34       | 6.24      | 6.44 |
| Aroclor-1254-5       | (5) | 6.75    | 6.75   | 6.75   | 6.75   | 6.75   | 6.75       | 6.65      | 6.85 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1268-1       | (1) | 7.58    | 7.57   | 7.58   | 7.58   | 7.58   | 7.58       | 7.48      | 7.68 |
| Aroclor-1268-2       | (2) | 7.64    | 7.64   | 7.64   | 7.64   | 7.64   | 7.64       | 7.54      | 7.74 |
| Aroclor-1268-3       | (3) | 7.85    | 7.84   | 7.85   | 7.85   | 7.85   | 7.85       | 7.75      | 7.95 |
| Aroclor-1268-4       | (4) | 8.14    | 8.13   | 8.14   | 8.13   | 8.14   | 8.14       | 8.04      | 8.24 |
| Aroclor-1268-5       | (5) | 8.43    | 8.43   | 8.43   | 8.43   | 8.43   | 8.43       | 8.33      | 8.53 |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |

## RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>TETR06</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q3017</u>                        |
| Instrument ID: | <u>ECD_O</u>    | Calibration Date(s): | <u>08/18/2025</u> <u>08/18/2025</u> |
|                |                 | Calibration Times:   | <u>09:53</u> <u>18:24</u>           |

GC Column: ZB-MR2      ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PO113003.D</u> | RT 750 = <u>PO113004.D</u> |
| RT 500 = <u>PO113005.D</u> | RT 250 = <u>PO113006.D</u>  | RT 050 = <u>PO113007.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.73    | 4.73   | 4.73   | 4.73   | 4.73   | 4.73       | 4.63      | 4.83 |
| Aroclor-1016-2       | (2) | 4.75    | 4.75   | 4.75   | 4.75   | 4.75   | 4.75       | 4.65      | 4.85 |
| Aroclor-1016-3       | (3) | 4.92    | 4.92   | 4.92   | 4.92   | 4.92   | 4.92       | 4.82      | 5.02 |
| Aroclor-1016-4       | (4) | 4.96    | 4.97   | 4.96   | 4.97   | 4.96   | 4.96       | 4.86      | 5.06 |
| Aroclor-1016-5       | (5) | 5.18    | 5.18   | 5.18   | 5.18   | 5.18   | 5.18       | 5.08      | 5.28 |
| Aroclor-1260-1       | (1) | 6.20    | 6.20   | 6.20   | 6.20   | 6.20   | 6.20       | 6.10      | 6.30 |
| Aroclor-1260-2       | (2) | 6.39    | 6.39   | 6.39   | 6.39   | 6.39   | 6.39       | 6.29      | 6.49 |
| Aroclor-1260-3       | (3) | 6.54    | 6.54   | 6.54   | 6.54   | 6.54   | 6.54       | 6.44      | 6.64 |
| Aroclor-1260-4       | (4) | 7.01    | 7.01   | 7.01   | 7.01   | 7.01   | 7.01       | 6.91      | 7.11 |
| Aroclor-1260-5       | (5) | 7.26    | 7.26   | 7.26   | 7.26   | 7.25   | 7.26       | 7.16      | 7.36 |
| Decachlorobiphenyl   |     | 8.63    | 8.63   | 8.63   | 8.63   | 8.63   | 8.63       | 8.53      | 8.73 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.65   | 3.66       | 3.56      | 3.76 |
| Aroclor-1242-1       | (1) | 4.73    | 4.73   | 4.73   | 4.73   | 4.73   | 4.73       | 4.63      | 4.83 |
| Aroclor-1242-2       | (2) | 4.75    | 4.75   | 4.75   | 4.75   | 4.75   | 4.75       | 4.65      | 4.85 |
| Aroclor-1242-3       | (3) | 4.92    | 4.92   | 4.92   | 4.92   | 4.92   | 4.92       | 4.82      | 5.02 |
| Aroclor-1242-4       | (4) | 5.01    | 5.01   | 5.01   | 5.01   | 5.01   | 5.01       | 4.91      | 5.11 |
| Aroclor-1242-5       | (5) | 5.53    | 5.53   | 5.53   | 5.53   | 5.53   | 5.53       | 5.43      | 5.63 |
| Decachlorobiphenyl   |     | 8.63    | 8.63   | 8.63   | 8.63   | 8.63   | 8.63       | 8.53      | 8.73 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1248-1       | (1) | 4.73    | 4.73   | 4.73   | 4.73   | 4.73   | 4.73       | 4.63      | 4.83 |
| Aroclor-1248-2       | (2) | 4.97    | 4.96   | 4.96   | 4.97   | 4.96   | 4.96       | 4.86      | 5.06 |
| Aroclor-1248-3       | (3) | 5.01    | 5.01   | 5.01   | 5.01   | 5.01   | 5.01       | 4.91      | 5.11 |
| Aroclor-1248-4       | (4) | 5.18    | 5.18   | 5.18   | 5.18   | 5.18   | 5.18       | 5.08      | 5.28 |
| Aroclor-1248-5       | (5) | 5.57    | 5.57   | 5.57   | 5.57   | 5.57   | 5.57       | 5.47      | 5.67 |
| Decachlorobiphenyl   |     | 8.63    | 8.63   | 8.63   | 8.63   | 8.63   | 8.63       | 8.53      | 8.73 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1254-1       | (1) | 5.53    | 5.53   | 5.53   | 5.53   | 5.53   | 5.53       | 5.43      | 5.63 |
| Aroclor-1254-2       | (2) | 5.67    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77 |
| Aroclor-1254-3       | (3) | 6.07    | 6.07   | 6.07   | 6.07   | 6.07   | 6.07       | 5.97      | 6.17 |
| Aroclor-1254-4       | (4) | 6.30    | 6.30   | 6.30   | 6.30   | 6.30   | 6.30       | 6.20      | 6.40 |
| Aroclor-1254-5       | (5) | 6.72    | 6.72   | 6.72   | 6.72   | 6.72   | 6.72       | 6.62      | 6.82 |
| Decachlorobiphenyl   |     | 8.63    | 8.63   | 8.63   | 8.63   | 8.63   | 8.63       | 8.53      | 8.73 |
| Tetrachloro-m-xylene |     | 3.66    | 3.66   | 3.66   | 3.66   | 3.66   | 3.66       | 3.56      | 3.76 |
| Aroclor-1268-1       | (1) | 7.54    | 7.54   | 7.54   | 7.54   | 7.54   | 7.54       | 7.44      | 7.64 |
| Aroclor-1268-2       | (2) | 7.60    | 7.60   | 7.60   | 7.60   | 7.60   | 7.60       | 7.50      | 7.70 |
| Aroclor-1268-3       | (3) | 7.81    | 7.80   | 7.81   | 7.80   | 7.80   | 7.80       | 7.70      | 7.90 |
| Aroclor-1268-4       | (4) | 8.09    | 8.09   | 8.09   | 8.09   | 8.09   | 8.09       | 7.99      | 8.19 |
| Aroclor-1268-5       | (5) | 8.38    | 8.38   | 8.38   | 8.38   | 8.38   | 8.38       | 8.28      | 8.48 |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.63 | 8.53 | 8.73 |
| Tetrachloro-m-xylene | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.66 | 3.56 | 3.76 |

## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_O

Contract: TETR06

SDG NO.: Q3017

Calibration Date(s): 08/18/2025 08/18/2025

Calibration Times: 09:53 18:24

GC Column: ZB-MR1 ID: 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PO113003.D</u> |            | CF 750 = <u>PO113004.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PO113005.D</u> |     | CF 250 = <u>PO113006.D</u>  |            | CF 050 = <u>PO113007.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 255371052                   | 268882561  | 275934040                  | 276241276  | 258494960  | 266984778  |
| Aroclor-1016-2             | (2) | 386597005                   | 407445280  | 416148678                  | 417991420  | 378975420  | 401431561  |
| Aroclor-1016-3             | (3) | 240674907                   | 253345352  | 260103296                  | 260910040  | 260078600  | 255022439  |
| Aroclor-1016-4             | (4) | 200488933                   | 211018755  | 217396840                  | 218446060  | 242989580  | 218068034  |
| Aroclor-1016-5             | (5) | 201770173                   | 209979241  | 223743332                  | 226026380  | 246620380  | 221627901  |
| Aroclor-1260-1             | (1) | 410428218                   | 427895784  | 448350422                  | 466101308  | 477127140  | 445980574  |
| Aroclor-1260-2             | (2) | 647927331                   | 671777743  | 694591256                  | 718069576  | 701240300  | 686721241  |
| Aroclor-1260-3             | (3) | 589701211                   | 617064005  | 642929590                  | 643696764  | 593976440  | 617473602  |
| Aroclor-1260-4             | (4) | 414110693                   | 436180457  | 452681312                  | 475292936  | 461106740  | 447874428  |
| Aroclor-1260-5             | (5) | 1160238835                  | 1200115325 | 1238734248                 | 1265998100 | 1188334440 | 1210684190 |
| Decachlorobiphenyl         |     | 6690212690                  | 6905027373 | 7141319640                 | 7175759920 | 6744868400 | 6931437605 |
| Tetrachloro-m-xylene       |     | 8029674340                  | 8350369867 | 8441238500                 | 8370538000 | 7741099400 | 8186584021 |
| Aroclor-1242-1             | (1) | 219003807                   | 233526197  | 242788968                  | 240725264  | 213615160  | 229931879  |
| Aroclor-1242-2             | (2) | 327976735                   | 344946825  | 364718188                  | 364178480  | 316305340  | 343625114  |
| Aroclor-1242-3             | (3) | 205275217                   | 218054489  | 227356174                  | 226343432  | 232391780  | 221884218  |
| Aroclor-1242-4             | (4) | 165269678                   | 175377872  | 183337550                  | 185157480  | 158170880  | 173462692  |
| Aroclor-1242-5             | (5) | 180656505                   | 196650337  | 209535050                  | 215724772  | 198244940  | 200162321  |
| Decachlorobiphenyl         |     | 6983751120                  | 7199555547 | 7360295780                 | 7264103480 | 6074426600 | 6976426505 |
| Tetrachloro-m-xylene       |     | 7902542970                  | 8274474280 | 8655126880                 | 8517047440 | 6985096600 | 8066857634 |
| Aroclor-1248-1             | (1) | 177555092                   | 181269211  | 184034788                  | 180488664  | 148983880  | 174466327  |
| Aroclor-1248-2             | (2) | 240102006                   | 246360772  | 247113578                  | 251916636  | 223835260  | 241865650  |
| Aroclor-1248-3             | (3) | 306109229                   | 315711316  | 329615046                  | 318673876  | 324209820  | 318863857  |
| Aroclor-1248-4             | (4) | 475546851                   | 491209784  | 508332020                  | 505821844  | 517111680  | 499604436  |
| Aroclor-1248-5             | (5) | 324226410                   | 338835636  | 348307430                  | 339859680  | 356228800  | 341491591  |
| Decachlorobiphenyl         |     | 7181659070                  | 7514737493 | 7570052300                 | 7529287200 | 6075985600 | 7174344333 |
| Tetrachloro-m-xylene       |     | 8381826150                  | 8547750707 | 8588948580                 | 8387451840 | 6708360600 | 8122867575 |
| Aroclor-1254-1             | (1) | 499551241                   | 515351475  | 527161470                  | 563388796  | 594438580  | 539978312  |
| Aroclor-1254-2             | (2) | 454632825                   | 464341571  | 479773010                  | 512965400  | 555557200  | 493454001  |
| Aroclor-1254-3             | (3) | 711089310                   | 727800197  | 738817928                  | 777856740  | 738821820  | 738877199  |
| Aroclor-1254-4             | (4) | 533028449                   | 548551808  | 553178702                  | 579063696  | 571175320  | 556999595  |
| Aroclor-1254-5             | (5) | 687979747                   | 697879139  | 702021496                  | 740623884  | 676364320  | 700973717  |
| Decachlorobiphenyl         |     | 7131515840                  | 7330561920 | 7448714920                 | 7630980560 | 6693328400 | 7247020328 |
| Tetrachloro-m-xylene       |     | 8126881990                  | 8349680347 | 8316489120                 | 8586551360 | 7297838200 | 8135488203 |
| Aroclor-1268-1             | (1) | 1761014831                  | 1774598480 | 1803892944                 | 1840793296 | 1424143680 | 1720888646 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |             |             |             |             |             |             |    |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|----|
| Aroclor-1268-2       | (2) | 1477166466  | 1492439849  | 1517161498  | 1547779236  | 1206191000  | 1448147610  | 10 |
| Aroclor-1268-3       | (3) | 1233609752  | 1245280741  | 1270713242  | 1291388356  | 990581680   | 1206314754  | 10 |
| Aroclor-1268-4       | (4) | 475808490   | 479214719   | 476669802   | 493044724   | 378582420   | 460664031   | 10 |
| Aroclor-1268-5       | (5) | 3340543820  | 3334721212  | 3351512988  | 3373775928  | 2541501700  | 3188411130  | 11 |
| Decachlorobiphenyl   |     | 13573084670 | 13653631320 | 13924005880 | 14188212680 | 11035945600 | 13274976030 | 10 |
| Tetrachloro-m-xylene |     | 8383283840  | 8466545813  | 8477460740  | 8727640480  | 6548042000  | 8120594575  | 11 |

A

B

C

D

E

F

G

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_O

Contract: TETR06  
SDG NO.: Q3017

Calibration Date(s): 08/18/2025 08/18/2025  
Calibration Times: 09:53 18:24

GC Column: ZB-MR2 ID: 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PO113003.D</u> |            | CF 750 = <u>PO113004.D</u> |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|-------|
| CF 500 = <u>PO113005.D</u> |     | CF 250 = <u>PO113006.D</u>  |            | CF 050 = <u>PO113007.D</u> |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD |
| Aroclor-1016-1             | (1) | 157648421                   | 166338757  | 175029528                  | 179513524  | 174338440  | 5     |
| Aroclor-1016-2             | (2) | 242743120                   | 252380695  | 260324992                  | 267711416  | 265120000  | 4     |
| Aroclor-1016-3             | (3) | 126993760                   | 133087225  | 138404134                  | 144167804  | 155418980  | 8     |
| Aroclor-1016-4             | (4) | 100459724                   | 106574292  | 112469896                  | 119612944  | 144377780  | 15    |
| Aroclor-1016-5             | (5) | 128106279                   | 134710951  | 142286356                  | 148407360  | 159139040  | 8     |
| Aroclor-1260-1             | (1) | 228928107                   | 240864928  | 252574738                  | 272240464  | 280735880  | 8     |
| Aroclor-1260-2             | (2) | 313918308                   | 328124507  | 343910348                  | 357024580  | 385581120  | 8     |
| Aroclor-1260-3             | (3) | 262510074                   | 276701705  | 293612640                  | 313010736  | 341333940  | 10    |
| Aroclor-1260-4             | (4) | 185941664                   | 193924396  | 204255296                  | 207408028  | 244718200  | 11    |
| Aroclor-1260-5             | (5) | 425960236                   | 439043723  | 465902736                  | 470000160  | 541240260  | 10    |
| Decachlorobiphenyl         |     | 1831064100                  | 1917365987 | 1985856160                 | 1994289280 | 1745675200 | 6     |
| Tetrachloro-m-xylene       |     | 4916768960                  | 5105759507 | 5187285900                 | 5153639000 | 4939804600 | 2     |
| Aroclor-1242-1             | (1) | 133881576                   | 143118904  | 152394738                  | 156445124  | 136681500  | 7     |
| Aroclor-1242-2             | (2) | 203955870                   | 217199904  | 228051544                  | 234362648  | 200985900  | 7     |
| Aroclor-1242-3             | (3) | 105689998                   | 114133919  | 120912152                  | 123685124  | 120400300  | 6     |
| Aroclor-1242-4             | (4) | 101683397                   | 110649877  | 117620438                  | 123213288  | 135019900  | 11    |
| Aroclor-1242-5             | (5) | 136091884                   | 145976403  | 155166798                  | 162502892  | 145926680  | 7     |
| Decachlorobiphenyl         |     | 1868057120                  | 1957140320 | 2005702880                 | 2020794160 | 1772529000 | 5     |
| Tetrachloro-m-xylene       |     | 4825813680                  | 5071335853 | 5270165440                 | 5270477280 | 4505798600 | 7     |
| Aroclor-1248-1             | (1) | 108471143                   | 113278465  | 116916398                  | 117022156  | 101871080  | 6     |
| Aroclor-1248-2             | (2) | 150794660                   | 157713281  | 163410186                  | 169101272  | 162475680  | 4     |
| Aroclor-1248-3             | (3) | 159433549                   | 166390719  | 173042032                  | 176703836  | 172733300  | 4     |
| Aroclor-1248-4             | (4) | 188271317                   | 195815885  | 204890460                  | 209017568  | 198105260  | 4     |
| Aroclor-1248-5             | (5) | 194018440                   | 203934763  | 211803632                  | 222502412  | 229222700  | 7     |
| Decachlorobiphenyl         |     | 1895882940                  | 1980749933 | 2008729920                 | 2044623040 | 1730989400 | 6     |
| Tetrachloro-m-xylene       |     | 5046994300                  | 5155202453 | 5203435340                 | 5076525520 | 4220137200 | 8     |
| Aroclor-1254-1             | (1) | 288848558                   | 302797836  | 311612874                  | 336218560  | 337291100  | 7     |
| Aroclor-1254-2             | (2) | 255015428                   | 266176108  | 276603524                  | 303614928  | 300286060  | 8     |
| Aroclor-1254-3             | (3) | 394658183                   | 407977155  | 416043550                  | 446405672  | 419527560  | 5     |
| Aroclor-1254-4             | (4) | 258230294                   | 268632580  | 273598908                  | 289141772  | 284574380  | 5     |
| Aroclor-1254-5             | (5) | 325480526                   | 337925896  | 351521312                  | 371760832  | 400764340  | 8     |
| Decachlorobiphenyl         |     | 1855582740                  | 1926836507 | 1973181280                 | 2039405120 | 1846968600 | 4     |
| Tetrachloro-m-xylene       |     | 4911279290                  | 5066835907 | 5059128600                 | 5241425160 | 4670568800 | 4     |
| Aroclor-1268-1             | (1) | 505322959                   | 499938980  | 529404120                  | 551503232  | 461152840  | 7     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1268-2       | (2) | 411828393  | 408615411  | 431678690  | 446034816  | 378854460  | 415402354  | 6  |
| Aroclor-1268-3       | (3) | 321714437  | 321009472  | 339466898  | 353051976  | 297302600  | 326509077  | 6  |
| Aroclor-1268-4       | (4) | 120303152  | 122244828  | 123085728  | 129780148  | 106749080  | 120432587  | 7  |
| Aroclor-1268-5       | (5) | 793658604  | 796742752  | 812678858  | 835111136  | 666596880  | 780957646  | 8  |
| Decachlorobiphenyl   |     | 3468678600 | 3498241200 | 3592049560 | 3737387920 | 2992120000 | 3457695456 | 8  |
| Tetrachloro-m-xylene |     | 5091723140 | 5143743093 | 5120936720 | 5368398520 | 4128952800 | 4970750855 | 10 |

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Instrument ID: ECD\_O Date(s) Analyzed: 08/18/2025 08/18/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.87 | 3.77      | 3.97 | 93573200              |
|              |                | 2    | 3.96 | 3.86      | 4.06 | 67550600              |
|              |                | 3    | 4.04 | 3.94      | 4.14 | 221352000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.04 | 3.94      | 4.14 | 174006000             |
|              |                | 2    | 4.53 | 4.43      | 4.63 | 99852400              |
|              |                | 3    | 4.77 | 4.67      | 4.87 | 189475000             |
|              |                | 4    | 4.94 | 4.84      | 5.04 | 94169600              |
|              |                | 5    | 4.99 | 4.89      | 5.09 | 61943000              |
| Aroclor-1262 | 500            | 1    | 6.79 | 6.69      | 6.89 | 915764000             |
|              |                | 2    | 7.29 | 7.19      | 7.39 | 1512160000            |
|              |                | 3    | 7.58 | 7.48      | 7.68 | 554108000             |
|              |                | 4    | 7.64 | 7.54      | 7.74 | 977968000             |
|              |                | 5    | 8.14 | 8.04      | 8.24 | 416878000             |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Instrument ID: ECD\_O Date(s) Analyzed: 08/18/2025 08/18/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.86 | 3.76      | 3.96 | 63121200              |
|              |                | 2    | 3.95 | 3.85      | 4.05 | 46673200              |
|              |                | 3    | 4.02 | 3.92      | 4.12 | 148475000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.02 | 3.92      | 4.12 | 117403000             |
|              |                | 2    | 4.75 | 4.65      | 4.85 | 122545000             |
|              |                | 3    | 4.92 | 4.82      | 5.02 | 63345600              |
|              |                | 4    | 5.01 | 4.91      | 5.11 | 56221200              |
|              |                | 5    | 5.18 | 5.08      | 5.28 | 59863600              |
| Aroclor-1262 | 500            | 1    | 6.76 | 6.66      | 6.86 | 414614000             |
|              |                | 2    | 7.26 | 7.16      | 7.36 | 517670000             |
|              |                | 3    | 7.54 | 7.44      | 7.64 | 179590000             |
|              |                | 4    | 7.60 | 7.50      | 7.70 | 289902000             |
|              |                | 5    | 8.09 | 7.99      | 8.19 | 108331000             |

## RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>TETR06</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q3017</u>                        |
| Instrument ID: | <u>ECD_P</u>    | Calibration Date(s): | <u>08/19/2025</u> <u>08/19/2025</u> |
|                |                 | Calibration Times:   | <u>10:02</u> <u>17:36</u>           |

GC Column: ZB-MR1      ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PP074491.D</u> | RT 750 = <u>PP074492.D</u> |
| RT 500 = <u>PP074493.D</u> | RT 250 = <u>PP074494.D</u>  | RT 050 = <u>PP074495.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.80    | 5.81   | 5.81   | 5.81   | 5.81   | 5.81       | 5.71      | 5.91  |
| Aroclor-1016-2       | (2) | 5.82    | 5.83   | 5.83   | 5.83   | 5.83   | 5.83       | 5.73      | 5.93  |
| Aroclor-1016-3       | (3) | 5.89    | 5.89   | 5.89   | 5.89   | 5.89   | 5.89       | 5.79      | 5.99  |
| Aroclor-1016-4       | (4) | 5.98    | 5.99   | 5.99   | 5.99   | 5.99   | 5.99       | 5.89      | 6.09  |
| Aroclor-1016-5       | (5) | 6.28    | 6.28   | 6.28   | 6.28   | 6.28   | 6.28       | 6.18      | 6.38  |
| Aroclor-1260-1       | (1) | 7.39    | 7.40   | 7.40   | 7.40   | 7.40   | 7.40       | 7.30      | 7.50  |
| Aroclor-1260-2       | (2) | 7.65    | 7.65   | 7.65   | 7.65   | 7.65   | 7.65       | 7.55      | 7.75  |
| Aroclor-1260-3       | (3) | 8.01    | 8.01   | 8.01   | 8.01   | 8.01   | 8.01       | 7.91      | 8.11  |
| Aroclor-1260-4       | (4) | 8.23    | 8.24   | 8.24   | 8.24   | 8.24   | 8.24       | 8.14      | 8.34  |
| Aroclor-1260-5       | (5) | 8.56    | 8.56   | 8.56   | 8.56   | 8.56   | 8.56       | 8.46      | 8.66  |
| Decachlorobiphenyl   |     | 10.43   | 10.44  | 10.43  | 10.43  | 10.44  | 10.43      | 10.33     | 10.53 |
| Tetrachloro-m-xylene |     | 4.65    | 4.66   | 4.65   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1242-1       | (1) | 5.81    | 5.81   | 5.81   | 5.81   | 5.81   | 5.81       | 5.71      | 5.91  |
| Aroclor-1242-2       | (2) | 5.83    | 5.83   | 5.83   | 5.83   | 5.83   | 5.83       | 5.73      | 5.93  |
| Aroclor-1242-3       | (3) | 5.89    | 5.89   | 5.89   | 5.89   | 5.89   | 5.89       | 5.79      | 5.99  |
| Aroclor-1242-4       | (4) | 5.99    | 5.99   | 5.99   | 5.99   | 5.99   | 5.99       | 5.89      | 6.09  |
| Aroclor-1242-5       | (5) | 6.72    | 6.72   | 6.72   | 6.72   | 6.72   | 6.72       | 6.62      | 6.82  |
| Decachlorobiphenyl   |     | 10.43   | 10.44  | 10.43  | 10.44  | 10.44  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.66    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1248-1       | (1) | 5.81    | 5.81   | 5.81   | 5.81   | 5.81   | 5.81       | 5.71      | 5.91  |
| Aroclor-1248-2       | (2) | 6.08    | 6.08   | 6.08   | 6.08   | 6.08   | 6.08       | 5.98      | 6.18  |
| Aroclor-1248-3       | (3) | 6.28    | 6.28   | 6.28   | 6.28   | 6.28   | 6.28       | 6.18      | 6.38  |
| Aroclor-1248-4       | (4) | 6.68    | 6.68   | 6.68   | 6.68   | 6.68   | 6.68       | 6.58      | 6.78  |
| Aroclor-1248-5       | (5) | 6.72    | 6.72   | 6.72   | 6.72   | 6.72   | 6.72       | 6.62      | 6.82  |
| Decachlorobiphenyl   |     | 10.44   | 10.44  | 10.44  | 10.44  | 10.44  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.66    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1254-1       | (1) | 6.66    | 6.66   | 6.66   | 6.66   | 6.65   | 6.66       | 6.56      | 6.76  |
| Aroclor-1254-2       | (2) | 6.88    | 6.87   | 6.87   | 6.87   | 6.87   | 6.87       | 6.77      | 6.97  |
| Aroclor-1254-3       | (3) | 7.24    | 7.24   | 7.24   | 7.23   | 7.23   | 7.24       | 7.14      | 7.34  |
| Aroclor-1254-4       | (4) | 7.52    | 7.52   | 7.52   | 7.52   | 7.52   | 7.52       | 7.42      | 7.62  |
| Aroclor-1254-5       | (5) | 7.94    | 7.93   | 7.93   | 7.93   | 7.93   | 7.93       | 7.83      | 8.03  |
| Decachlorobiphenyl   |     | 10.44   | 10.44  | 10.44  | 10.44  | 10.44  | 10.44      | 10.34     | 10.54 |
| Tetrachloro-m-xylene |     | 4.66    | 4.66   | 4.66   | 4.66   | 4.66   | 4.66       | 4.56      | 4.76  |
| Aroclor-1268-1       | (1) | 8.88    | 8.89   | 8.88   | 8.89   | 8.88   | 8.89       | 8.79      | 8.99  |
| Aroclor-1268-2       | (2) | 8.98    | 8.98   | 8.98   | 8.98   | 8.98   | 8.98       | 8.88      | 9.08  |
| Aroclor-1268-3       | (3) | 9.22    | 9.22   | 9.22   | 9.22   | 9.22   | 9.22       | 9.12      | 9.32  |
| Aroclor-1268-4       | (4) | 9.65    | 9.65   | 9.65   | 9.65   | 9.65   | 9.65       | 9.55      | 9.75  |
| Aroclor-1268-5       | (5) | 10.08   | 10.08  | 10.08  | 10.08  | 10.08  | 10.08      | 9.98      | 10.18 |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.43 | 10.44 | 10.43 | 10.44 | 10.43 | 10.43 | 10.33 | 10.53 |
| Tetrachloro-m-xylene | 4.66  | 4.66  | 4.66  | 4.66  | 4.66  | 4.66  | 4.56  | 4.76  |

## RETENTION TIMES OF INITIAL CALIBRATION

|                |                 |                      |                                     |
|----------------|-----------------|----------------------|-------------------------------------|
| Lab Name:      | <u>Alliance</u> | Contract:            | <u>TETR06</u>                       |
| Lab Code:      | <u>ACE</u>      | SDG NO.:             | <u>Q3017</u>                        |
| Instrument ID: | <u>ECD_P</u>    | Calibration Date(s): | <u>08/19/2025</u> <u>08/19/2025</u> |
|                |                 | Calibration Times:   | <u>10:02</u> <u>17:36</u>           |

GC Column: ZB-MR2      ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PP074491.D</u> | RT 750 = <u>PP074492.D</u> |
| RT 500 = <u>PP074493.D</u> | RT 250 = <u>PP074494.D</u>  | RT 050 = <u>PP074495.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.90    | 4.90   | 4.90   | 4.90   | 4.90   | 4.90       | 4.80      | 5.00 |
| Aroclor-1016-2       | (2) | 4.96    | 4.96   | 4.96   | 4.96   | 4.96   | 4.96       | 4.86      | 5.06 |
| Aroclor-1016-3       | (3) | 5.08    | 5.08   | 5.08   | 5.08   | 5.08   | 5.08       | 4.98      | 5.18 |
| Aroclor-1016-4       | (4) | 5.12    | 5.12   | 5.12   | 5.12   | 5.12   | 5.12       | 5.02      | 5.22 |
| Aroclor-1016-5       | (5) | 5.33    | 5.33   | 5.33   | 5.33   | 5.33   | 5.33       | 5.23      | 5.43 |
| Aroclor-1260-1       | (1) | 6.36    | 6.36   | 6.36   | 6.36   | 6.36   | 6.36       | 6.26      | 6.46 |
| Aroclor-1260-2       | (2) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65 |
| Aroclor-1260-3       | (3) | 6.70    | 6.71   | 6.70   | 6.70   | 6.70   | 6.70       | 6.60      | 6.80 |
| Aroclor-1260-4       | (4) | 7.17    | 7.17   | 7.17   | 7.17   | 7.17   | 7.17       | 7.07      | 7.27 |
| Aroclor-1260-5       | (5) | 7.41    | 7.41   | 7.41   | 7.41   | 7.41   | 7.41       | 7.31      | 7.51 |
| Decachlorobiphenyl   |     | 8.81    | 8.82   | 8.82   | 8.81   | 8.82   | 8.82       | 8.72      | 8.92 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1242-1       | (1) | 4.90    | 4.90   | 4.90   | 4.90   | 4.90   | 4.90       | 4.80      | 5.00 |
| Aroclor-1242-2       | (2) | 4.96    | 4.96   | 4.96   | 4.96   | 4.96   | 4.96       | 4.86      | 5.06 |
| Aroclor-1242-3       | (3) | 5.08    | 5.08   | 5.08   | 5.08   | 5.08   | 5.08       | 4.98      | 5.18 |
| Aroclor-1242-4       | (4) | 5.16    | 5.16   | 5.16   | 5.16   | 5.16   | 5.16       | 5.06      | 5.26 |
| Aroclor-1242-5       | (5) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78 |
| Decachlorobiphenyl   |     | 8.82    | 8.82   | 8.81   | 8.82   | 8.82   | 8.82       | 8.72      | 8.92 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1248-1       | (1) | 4.90    | 4.90   | 4.90   | 4.90   | 4.90   | 4.90       | 4.80      | 5.00 |
| Aroclor-1248-2       | (2) | 5.12    | 5.12   | 5.12   | 5.12   | 5.12   | 5.12       | 5.02      | 5.22 |
| Aroclor-1248-3       | (3) | 5.16    | 5.16   | 5.16   | 5.16   | 5.16   | 5.16       | 5.06      | 5.26 |
| Aroclor-1248-4       | (4) | 5.33    | 5.33   | 5.33   | 5.33   | 5.33   | 5.33       | 5.23      | 5.43 |
| Aroclor-1248-5       | (5) | 5.72    | 5.72   | 5.72   | 5.72   | 5.72   | 5.72       | 5.62      | 5.82 |
| Decachlorobiphenyl   |     | 8.82    | 8.82   | 8.82   | 8.82   | 8.82   | 8.82       | 8.72      | 8.92 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1254-1       | (1) | 5.69    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78 |
| Aroclor-1254-2       | (2) | 5.83    | 5.83   | 5.83   | 5.83   | 5.83   | 5.83       | 5.73      | 5.93 |
| Aroclor-1254-3       | (3) | 6.24    | 6.23   | 6.23   | 6.23   | 6.23   | 6.23       | 6.13      | 6.33 |
| Aroclor-1254-4       | (4) | 6.46    | 6.46   | 6.46   | 6.46   | 6.46   | 6.46       | 6.36      | 6.56 |
| Aroclor-1254-5       | (5) | 6.88    | 6.87   | 6.88   | 6.88   | 6.88   | 6.88       | 6.78      | 6.98 |
| Decachlorobiphenyl   |     | 8.82    | 8.82   | 8.82   | 8.82   | 8.81   | 8.82       | 8.72      | 8.92 |
| Tetrachloro-m-xylene |     | 3.80    | 3.80   | 3.80   | 3.80   | 3.80   | 3.80       | 3.70      | 3.90 |
| Aroclor-1268-1       | (1) | 7.70    | 7.70   | 7.69   | 7.70   | 7.69   | 7.70       | 7.60      | 7.80 |
| Aroclor-1268-2       | (2) | 7.76    | 7.76   | 7.76   | 7.76   | 7.76   | 7.76       | 7.66      | 7.86 |
| Aroclor-1268-3       | (3) | 7.97    | 7.97   | 7.97   | 7.97   | 7.96   | 7.97       | 7.87      | 8.07 |
| Aroclor-1268-4       | (4) | 8.25    | 8.26   | 8.25   | 8.25   | 8.25   | 8.25       | 8.15      | 8.35 |
| Aroclor-1268-5       | (5) | 8.55    | 8.55   | 8.55   | 8.55   | 8.55   | 8.55       | 8.45      | 8.65 |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.81 | 8.82 | 8.81 | 8.82 | 8.81 | 8.82 | 8.72 | 8.92 |
| Tetrachloro-m-xylene | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.80 | 3.70 | 3.90 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_P

Contract: TETR06

SDG NO.: Q3017

Calibration Date(s): 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

GC Column: ZB-MR1 ID: 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP074491.D</u> |            | CF 750 = <u>PP074492.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP074493.D</u> |     | CF 250 = <u>PP074494.D</u>  |            | CF 050 = <u>PP074495.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 37260672                    | 39165227   | 41840274                   | 46667524   | 55510560   | 44088851   |
| Aroclor-1016-2             | (2) | 55294208                    | 58678316   | 63208216                   | 69200552   | 67826880   | 62841634   |
| Aroclor-1016-3             | (3) | 37159554                    | 39829409   | 42380342                   | 50420568   | 54779780   | 44913931   |
| Aroclor-1016-4             | (4) | 30238509                    | 32061391   | 34848388                   | 39362172   | 39398600   | 35181812   |
| Aroclor-1016-5             | (5) | 29225854                    | 30645948   | 33029644                   | 36469124   | 36559780   | 33186070   |
| Aroclor-1260-1             | (1) | 48563391                    | 51183833   | 55342410                   | 61530012   | 72427960   | 57809521   |
| Aroclor-1260-2             | (2) | 57520052                    | 60697599   | 66234840                   | 73517872   | 86617000   | 68917473   |
| Aroclor-1260-3             | (3) | 45466412                    | 48231029   | 50486582                   | 57234216   | 58008180   | 51885284   |
| Aroclor-1260-4             | (4) | 53945139                    | 57153024   | 61763720                   | 67649864   | 78452080   | 63792765   |
| Aroclor-1260-5             | (5) | 98135607                    | 102882747  | 108313414                  | 117775440  | 139953440  | 113412130  |
| Decachlorobiphenyl         |     | 866337170                   | 921955053  | 988573200                  | 1058849640 | 1101835800 | 987510173  |
| Tetrachloro-m-xylene       |     | 1100953570                  | 1143235467 | 1200713680                 | 1268558320 | 1404991400 | 1223690487 |
| Aroclor-1242-1             | (1) | 33534775                    | 35196259   | 38660790                   | 41241740   | 42742440   | 38275201   |
| Aroclor-1242-2             | (2) | 50582395                    | 52453757   | 57915216                   | 62104248   | 59354260   | 56481975   |
| Aroclor-1242-3             | (3) | 33349694                    | 35414635   | 39970066                   | 43883972   | 50396180   | 40602909   |
| Aroclor-1242-4             | (4) | 27192200                    | 28632309   | 31894696                   | 35816444   | 35173600   | 31741850   |
| Aroclor-1242-5             | (5) | 29731727                    | 30733847   | 34626980                   | 38850892   | 46409580   | 36070605   |
| Decachlorobiphenyl         |     | 942571090                   | 998560827  | 1090308640                 | 1132992280 | 1083717600 | 1049630087 |
| Tetrachloro-m-xylene       |     | 1101623960                  | 1151320933 | 1235361060                 | 1272027120 | 1278388200 | 1207744255 |
| Aroclor-1248-1             | (1) | 26825393                    | 28405716   | 30845872                   | 34074380   | 30968720   | 30224016   |
| Aroclor-1248-2             | (2) | 37601198                    | 39897476   | 43211686                   | 48783724   | 45986180   | 43096053   |
| Aroclor-1248-3             | (3) | 41457218                    | 43776155   | 46817460                   | 51955424   | 49511780   | 46703607   |
| Aroclor-1248-4             | (4) | 47576379                    | 50895647   | 54418430                   | 60667104   | 61446460   | 55000804   |
| Aroclor-1248-5             | (5) | 47007884                    | 50058825   | 54098864                   | 61916308   | 64270400   | 55470456   |
| Decachlorobiphenyl         |     | 950993890                   | 1009223920 | 1071012460                 | 1167985200 | 1057373600 | 1051317814 |
| Tetrachloro-m-xylene       |     | 1100991950                  | 1146778960 | 1200566400                 | 1276972480 | 1211462000 | 1187354358 |
| Aroclor-1254-1             | (1) | 48507797                    | 53598960   | 57022412                   | 63560864   | 68657180   | 58269443   |
| Aroclor-1254-2             | (2) | 68997007                    | 73735961   | 79493314                   | 88136784   | 97716940   | 81616001   |
| Aroclor-1254-3             | (3) | 75433146                    | 80269064   | 85469286                   | 94710248   | 110150500  | 89206449   |
| Aroclor-1254-4             | (4) | 56817907                    | 60256557   | 64375914                   | 71178004   | 76939600   | 65913596   |
| Aroclor-1254-5             | (5) | 71518563                    | 76344344   | 81241680                   | 89300320   | 97020080   | 83084997   |
| Decachlorobiphenyl         |     | 955810170                   | 985159667  | 1046715980                 | 1146118200 | 1185105200 | 1063781843 |
| Tetrachloro-m-xylene       |     | 1074895520                  | 1124737840 | 1186244600                 | 1279770240 | 1364835400 | 1206096720 |
| Aroclor-1268-1             | (1) | 145382221                   | 149256528  | 159799060                  | 175238264  | 180520060  | 162039227  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 135128903  | 138304824  | 147968774  | 161072492  | 151211120  | 146737223  | 7 |
| Aroclor-1268-3       | (3) | 112837949  | 115383373  | 124401538  | 134921752  | 130382340  | 123585390  | 8 |
| Aroclor-1268-4       | (4) | 60062429   | 62288615   | 69185966   | 72327472   | 72450180   | 67262932   | 9 |
| Aroclor-1268-5       | (5) | 347935374  | 352387180  | 372266714  | 396976848  | 381293520  | 370171927  | 6 |
| Decachlorobiphenyl   |     | 1643122860 | 1684754733 | 1816495060 | 1968851320 | 1846466800 | 1791938155 | 7 |
| Tetrachloro-m-xylene |     | 1139511630 | 1162795853 | 1215559280 | 1293072360 | 1185938800 | 1199375585 | 5 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD\_P

Contract: TETR06

SDG NO.: Q3017

Calibration Date(s): 08/19/2025 08/19/2025

Calibration Times: 10:02 17:36

GC Column: ZB-MR2 ID: 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP074491.D</u> |            | CF 750 = <u>PP074492.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP074493.D</u> |     | CF 250 = <u>PP074494.D</u>  |            | CF 050 = <u>PP074495.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 496657182                   | 503720793  | 523846228                  | 513002896  | 509541900  | 509353800  |
| Aroclor-1016-2             | (2) | 239168801                   | 238546505  | 246638078                  | 251142512  | 214580920  | 238015363  |
| Aroclor-1016-3             | (3) | 133036564                   | 130124845  | 144330606                  | 141427600  | 140598400  | 137903603  |
| Aroclor-1016-4             | (4) | 133477489                   | 138002388  | 140534852                  | 142183668  | 144817800  | 139803239  |
| Aroclor-1016-5             | (5) | 154126731                   | 152599703  | 155237916                  | 163343428  | 205109040  | 166083364  |
| Aroclor-1260-1             | (1) | 363284667                   | 378829761  | 386185190                  | 382321000  | 365496040  | 375223332  |
| Aroclor-1260-2             | (2) | 523788027                   | 519029669  | 530795266                  | 515617580  | 554844180  | 528814944  |
| Aroclor-1260-3             | (3) | 397906310                   | 403814531  | 425344812                  | 411965640  | 525972600  | 433000779  |
| Aroclor-1260-4             | (4) | 386647802                   | 396528909  | 406788188                  | 382587548  | 334816920  | 381473873  |
| Aroclor-1260-5             | (5) | 1072036571                  | 1049469899 | 1040494106                 | 1005914236 | 854489880  | 1004480938 |
| Decachlorobiphenyl         |     | 7534332740                  | 7444555573 | 7912532780                 | 7690082000 | 6914466800 | 7499193979 |
| Tetrachloro-m-xylene       |     | 5208096140                  | 5362153787 | 4998687000                 | 4783674480 | 3824485800 | 4835419441 |
| Aroclor-1242-1             | (1) | 426248141                   | 431977179  | 439434088                  | 427078864  | 384025660  | 421752786  |
| Aroclor-1242-2             | (2) | 202991737                   | 207389804  | 208837132                  | 204363608  | 177830640  | 200282584  |
| Aroclor-1242-3             | (3) | 114667914                   | 119000831  | 118474420                  | 125754936  | 113593040  | 118298228  |
| Aroclor-1242-4             | (4) | 162797331                   | 159395943  | 169924744                  | 169924792  | 193754480  | 171159458  |
| Aroclor-1242-5             | (5) | 176244820                   | 193149587  | 194953880                  | 198727516  | 162744820  | 185164125  |
| Decachlorobiphenyl         |     | 7439485810                  | 7647320840 | 7750380960                 | 7387148800 | 6696994000 | 7384266082 |
| Tetrachloro-m-xylene       |     | 5552255470                  | 5495660120 | 5265795020                 | 4718643160 | 3344536200 | 4875377994 |
| Aroclor-1248-1             | (1) | 276787529                   | 272989900  | 294110190                  | 287515664  | 249311100  | 276142877  |
| Aroclor-1248-2             | (2) | 170428062                   | 176978340  | 184167818                  | 188684076  | 163519180  | 176755495  |
| Aroclor-1248-3             | (3) | 216883105                   | 236968729  | 226037212                  | 232782684  | 223345400  | 227203426  |
| Aroclor-1248-4             | (4) | 216013976                   | 222165432  | 229596264                  | 221937152  | 200392380  | 218021041  |
| Aroclor-1248-5             | (5) | 365899980                   | 378186867  | 386596360                  | 393195048  | 312731540  | 367321959  |
| Decachlorobiphenyl         |     | 7362170440                  | 7623348680 | 7832285760                 | 7830414120 | 6177033600 | 7365050520 |
| Tetrachloro-m-xylene       |     | 4921775200                  | 5272375827 | 4922615420                 | 4754396920 | 3067777000 | 4587788073 |
| Aroclor-1254-1             | (1) | 450774429                   | 460491156  | 493889042                  | 479687392  | 498710100  | 476710424  |
| Aroclor-1254-2             | (2) | 327603431                   | 350278748  | 349528710                  | 357585716  | 375666820  | 352132685  |
| Aroclor-1254-3             | (3) | 632195702                   | 651991325  | 663558136                  | 626254444  | 525027180  | 619805357  |
| Aroclor-1254-4             | (4) | 465715221                   | 475856425  | 494623526                  | 472743392  | 434193620  | 468626437  |
| Aroclor-1254-5             | (5) | 494049062                   | 518095117  | 499208524                  | 513687428  | 427465960  | 490501218  |
| Decachlorobiphenyl         |     | 7570292860                  | 7622860640 | 7575883760                 | 7671178000 | 7261560400 | 7540355132 |
| Tetrachloro-m-xylene       |     | 5083198010                  | 4906330680 | 4979033200                 | 4619762640 | 3271378000 | 4571940506 |
| Aroclor-1268-1             | (1) | 1582015639                  | 1422598329 | 1546826516                 | 1453362868 | 1047671520 | 1410494974 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

|                      |     |             |             |             |             |             |             |    |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|----|
| Aroclor-1268-2       | (2) | 1588231016  | 1429840941  | 1442651986  | 1413308564  | 943104640   | 1363427429  | 18 |
| Aroclor-1268-3       | (3) | 1131064358  | 1100247001  | 1123773528  | 1077394544  | 783689900   | 1043233866  | 14 |
| Aroclor-1268-4       | (4) | 433982459   | 417630531   | 415097948   | 393627672   | 255142820   | 383096286   | 19 |
| Aroclor-1268-5       | (5) | 3414138804  | 3322863425  | 3420880908  | 3301062668  | 2221751820  | 3136139525  | 16 |
| Decachlorobiphenyl   |     | 14390930480 | 14121362587 | 14413340360 | 14318679160 | 10749496600 | 13598761837 | 12 |
| Tetrachloro-m-xylene |     | 5211020900  | 5014233547  | 4937082600  | 4815562400  | 3041581600  | 4603896209  | 19 |

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Instrument ID: ECD\_P Date(s) Analyzed: 08/19/2025 08/19/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.85 | 4.75      | 4.95 | 17592800              |
|              |                | 2    | 4.94 | 4.84      | 5.04 | 13357200              |
|              |                | 3    | 5.02 | 4.92      | 5.12 | 37912800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 5.02 | 4.92      | 5.12 | 30374000              |
|              |                | 2    | 5.54 | 5.44      | 5.64 | 15758200              |
|              |                | 3    | 5.83 | 5.73      | 5.93 | 30543600              |
|              |                | 4    | 5.99 | 5.89      | 6.09 | 17269300              |
|              |                | 5    | 6.08 | 5.98      | 6.18 | 12981000              |
| Aroclor-1262 | 500            | 1    | 8.24 | 8.14      | 8.34 | 77016000              |
|              |                | 2    | 8.57 | 8.47      | 8.67 | 132381000             |
|              |                | 3    | 8.89 | 8.79      | 8.99 | 97212400              |
|              |                | 4    | 8.98 | 8.88      | 9.08 | 75330400              |
|              |                | 5    | 9.65 | 9.55      | 9.75 | 60956200              |

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Instrument ID: ECD\_P Date(s) Analyzed: 08/19/2025 08/19/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.01 | 3.91      | 4.11 | 61867400              |
|              |                | 2    | 4.10 | 4.00      | 4.20 | 45212000              |
|              |                | 3    | 4.17 | 4.07      | 4.27 | 164294000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.17 | 4.07      | 4.27 | 128095000             |
|              |                | 2    | 4.90 | 4.80      | 5.00 | 231794000             |
|              |                | 3    | 5.08 | 4.98      | 5.18 | 60059800              |
|              |                | 4    | 5.16 | 5.06      | 5.26 | 73707400              |
|              |                | 5    | 5.33 | 5.23      | 5.43 | 62083800              |
| Aroclor-1262 | 500            | 1    | 6.92 | 6.82      | 7.02 | 707260000             |
|              |                | 2    | 7.18 | 7.08      | 7.28 | 520714000             |
|              |                | 3    | 7.70 | 7.60      | 7.80 | 466296000             |
|              |                | 4    | 7.76 | 7.66      | 7.86 | 821860000             |
|              |                | 5    | 8.26 | 8.16      | 8.36 | 358310000             |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>TETR06</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q3017</u>                        |
| <b>Continuing Calib Date:</b> | <u>09/04/2025</u> | <b>Initial Calibration Date(s):</b> | <u>08/18/2025</u> <u>08/18/2025</u> |
| <b>Continuing Calib Time:</b> | <u>18:49</u>      | <b>Initial Calibration Time(s):</b> | <u>09:53</u> <u>18:24</u>           |

**GC Column:** ZB-MR1      **ID:** 0.32      (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.74       | 4.75      | 4.65                   | 4.85 | 0.01       |
| Aroclor-1016-2       | (2) | 4.76       | 4.77      | 4.67                   | 4.87 | 0.01       |
| Aroclor-1016-3       | (3) | 4.82       | 4.82      | 4.72                   | 4.92 | 0.00       |
| Aroclor-1016-4       | (4) | 4.94       | 4.94      | 4.84                   | 5.04 | 0.00       |
| Aroclor-1016-5       | (5) | 5.19       | 5.20      | 5.10                   | 5.30 | 0.01       |
| Aroclor-1260-1       | (1) | 6.23       | 6.24      | 6.14                   | 6.34 | 0.01       |
| Aroclor-1260-2       | (2) | 6.42       | 6.43      | 6.33                   | 6.53 | 0.01       |
| Aroclor-1260-3       | (3) | 6.79       | 6.79      | 6.69                   | 6.89 | 0.01       |
| Aroclor-1260-4       | (4) | 7.04       | 7.05      | 6.95                   | 7.15 | 0.01       |
| Aroclor-1260-5       | (5) | 7.29       | 7.29      | 7.19                   | 7.39 | 0.00       |
| Tetrachloro-m-xylene |     | 3.66       | 3.66      | 3.56                   | 3.76 | 0.00       |
| Decachlorobiphenyl   |     | 8.67       | 8.68      | 8.58                   | 8.78 | 0.01       |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3017

Continuing Calib Date: 09/04/2025 Initial Calibration Date(s): 08/18/2025 08/18/2025

Continuing Calib Time: 18:49 Initial Calibration Time(s): 09:53 18:24

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.73       | 4.73      | 4.63      | 4.83 | 0.01       |
| Aroclor-1016-2       | (2) | 4.74       | 4.75      | 4.65      | 4.85 | 0.01       |
| Aroclor-1016-3       | (3) | 4.92       | 4.92      | 4.82      | 5.02 | 0.00       |
| Aroclor-1016-4       | (4) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-5       | (5) | 5.17       | 5.18      | 5.08      | 5.28 | 0.01       |
| Aroclor-1260-1       | (1) | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Aroclor-1260-2       | (2) | 6.39       | 6.39      | 6.29      | 6.49 | 0.00       |
| Aroclor-1260-3       | (3) | 6.54       | 6.54      | 6.44      | 6.64 | 0.00       |
| Aroclor-1260-4       | (4) | 7.01       | 7.01      | 6.91      | 7.11 | 0.00       |
| Aroclor-1260-5       | (5) | 7.25       | 7.26      | 7.16      | 7.36 | 0.01       |
| Tetrachloro-m-xylene |     | 3.65       | 3.66      | 3.56      | 3.76 | 0.01       |
| Decachlorobiphenyl   |     | 8.62       | 8.63      | 8.53      | 8.73 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/04/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO113478.D **Time Analyzed:** 18:49

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.742 | 4.648     | 4.848 | 561.170            | 500.000           | 12.2 |
| Aroclor-1016-2       | 4.760 | 4.666     | 4.866 | 567.370            | 500.000           | 13.5 |
| Aroclor-1016-3       | 4.817 | 4.724     | 4.924 | 564.020            | 500.000           | 12.8 |
| Aroclor-1016-4       | 4.936 | 4.843     | 5.043 | 530.830            | 500.000           | 6.2  |
| Aroclor-1016-5       | 5.194 | 5.099     | 5.299 | 564.470            | 500.000           | 12.9 |
| Aroclor-1260-1       | 6.229 | 6.136     | 6.336 | 565.000            | 500.000           | 13.0 |
| Aroclor-1260-2       | 6.419 | 6.326     | 6.526 | 559.010            | 500.000           | 11.8 |
| Aroclor-1260-3       | 6.785 | 6.691     | 6.891 | 523.800            | 500.000           | 4.8  |
| Aroclor-1260-4       | 7.044 | 6.951     | 7.151 | 509.480            | 500.000           | 1.9  |
| Aroclor-1260-5       | 7.288 | 7.194     | 7.394 | 506.110            | 500.000           | 1.2  |
| Decachlorobiphenyl   | 8.674 | 8.582     | 8.782 | 47.280             | 50.000            | -5.4 |
| Tetrachloro-m-xylene | 3.659 | 3.563     | 3.763 | 56.440             | 50.000            | 12.9 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/04/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO113478.D **Time Analyzed:** 18:49

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.725 | 4.629     | 4.829 | 535.510            | 500.000           | 7.1   |
| Aroclor-1016-2       | 4.743 | 4.647     | 4.847 | 524.860            | 500.000           | 5.0   |
| Aroclor-1016-3       | 4.918 | 4.822     | 5.022 | 508.170            | 500.000           | 1.6   |
| Aroclor-1016-4       | 4.960 | 4.864     | 5.064 | 492.950            | 500.000           | -1.4  |
| Aroclor-1016-5       | 5.172 | 5.076     | 5.276 | 549.030            | 500.000           | 9.8   |
| Aroclor-1260-1       | 6.199 | 6.104     | 6.304 | 472.910            | 500.000           | -5.4  |
| Aroclor-1260-2       | 6.388 | 6.292     | 6.492 | 462.220            | 500.000           | -7.6  |
| Aroclor-1260-3       | 6.539 | 6.443     | 6.643 | 432.880            | 500.000           | -13.4 |
| Aroclor-1260-4       | 7.008 | 6.912     | 7.112 | 438.660            | 500.000           | -12.3 |
| Aroclor-1260-5       | 7.250 | 7.155     | 7.355 | 433.850            | 500.000           | -13.2 |
| Decachlorobiphenyl   | 8.622 | 8.528     | 8.728 | 53.330             | 50.000            | 6.7   |
| Tetrachloro-m-xylene | 3.652 | 3.555     | 3.755 | 54.050             | 50.000            | 8.1   |

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**Continuing Calib Date:** 09/04/2025 **Initial Calibration Date(s):** 08/18/2025 08/18/2025  
**Continuing Calib Time:** 23:23 **Initial Calibration Time(s):** 09:53 18:24

**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.74       | 4.75      | 4.65      | 4.85 | 0.01       |
| Aroclor-1016-2       | (2) | 4.76       | 4.77      | 4.67      | 4.87 | 0.01       |
| Aroclor-1016-3       | (3) | 4.82       | 4.82      | 4.72      | 4.92 | 0.00       |
| Aroclor-1016-4       | (4) | 4.94       | 4.94      | 4.84      | 5.04 | 0.00       |
| Aroclor-1016-5       | (5) | 5.19       | 5.20      | 5.10      | 5.30 | 0.01       |
| Aroclor-1260-1       | (1) | 6.23       | 6.24      | 6.14      | 6.34 | 0.01       |
| Aroclor-1260-2       | (2) | 6.42       | 6.43      | 6.33      | 6.53 | 0.01       |
| Aroclor-1260-3       | (3) | 6.79       | 6.79      | 6.69      | 6.89 | 0.00       |
| Aroclor-1260-4       | (4) | 7.05       | 7.05      | 6.95      | 7.15 | 0.00       |
| Aroclor-1260-5       | (5) | 7.29       | 7.29      | 7.19      | 7.39 | 0.00       |
| Tetrachloro-m-xylene |     | 3.66       | 3.66      | 3.56      | 3.76 | 0.00       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58      | 8.78 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>TETR06</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q3017</u>                        |
| <b>Continuing Calib Date:</b> | <u>09/04/2025</u> | <b>Initial Calibration Date(s):</b> | <u>08/18/2025</u> <u>08/18/2025</u> |
| <b>Continuing Calib Time:</b> | <u>23:23</u>      | <b>Initial Calibration Time(s):</b> | <u>09:53</u> <u>18:24</u>           |

**GC Column:** ZB-MR2      **ID:** 0.32      (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.72       | 4.73      | 4.63      | 4.83 | 0.01       |
| Aroclor-1016-2       | (2) | 4.74       | 4.75      | 4.65      | 4.85 | 0.01       |
| Aroclor-1016-3       | (3) | 4.92       | 4.92      | 4.82      | 5.02 | 0.00       |
| Aroclor-1016-4       | (4) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-5       | (5) | 5.17       | 5.18      | 5.08      | 5.28 | 0.01       |
| Aroclor-1260-1       | (1) | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Aroclor-1260-2       | (2) | 6.39       | 6.39      | 6.29      | 6.49 | 0.00       |
| Aroclor-1260-3       | (3) | 6.54       | 6.54      | 6.44      | 6.64 | 0.00       |
| Aroclor-1260-4       | (4) | 7.01       | 7.01      | 6.91      | 7.11 | 0.00       |
| Aroclor-1260-5       | (5) | 7.25       | 7.26      | 7.16      | 7.36 | 0.01       |
| Tetrachloro-m-xylene |     | 3.65       | 3.66      | 3.56      | 3.76 | 0.01       |
| Decachlorobiphenyl   |     | 8.62       | 8.63      | 8.53      | 8.73 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/04/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO113488.D **Time Analyzed:** 23:23

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.743 | 4.648     | 4.848 | 580.340            | 500.000           | 16.1 |
| Aroclor-1016-2       | 4.762 | 4.666     | 4.866 | 584.230            | 500.000           | 16.8 |
| Aroclor-1016-3       | 4.819 | 4.724     | 4.924 | 586.660            | 500.000           | 17.3 |
| Aroclor-1016-4       | 4.938 | 4.843     | 5.043 | 539.250            | 500.000           | 7.9  |
| Aroclor-1016-5       | 5.194 | 5.099     | 5.299 | 563.830            | 500.000           | 12.8 |
| Aroclor-1260-1       | 6.230 | 6.136     | 6.336 | 576.580            | 500.000           | 15.3 |
| Aroclor-1260-2       | 6.421 | 6.326     | 6.526 | 585.500            | 500.000           | 17.1 |
| Aroclor-1260-3       | 6.786 | 6.691     | 6.891 | 570.590            | 500.000           | 14.1 |
| Aroclor-1260-4       | 7.045 | 6.951     | 7.151 | 557.290            | 500.000           | 11.5 |
| Aroclor-1260-5       | 7.289 | 7.194     | 7.394 | 549.720            | 500.000           | 9.9  |
| Decachlorobiphenyl   | 8.676 | 8.582     | 8.782 | 51.860             | 50.000            | 3.7  |
| Tetrachloro-m-xylene | 3.659 | 3.563     | 3.763 | 58.380             | 50.000            | 16.8 |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/04/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PO113488.D **Time Analyzed:** 23:23

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.724 | 4.629     | 4.829 | 535.830            | 500.000           | 7.2  |
| Aroclor-1016-2       | 4.742 | 4.647     | 4.847 | 537.790            | 500.000           | 7.6  |
| Aroclor-1016-3       | 4.916 | 4.822     | 5.022 | 516.270            | 500.000           | 3.3  |
| Aroclor-1016-4       | 4.959 | 4.864     | 5.064 | 502.990            | 500.000           | 0.6  |
| Aroclor-1016-5       | 5.171 | 5.076     | 5.276 | 573.220            | 500.000           | 14.6 |
| Aroclor-1260-1       | 6.198 | 6.104     | 6.304 | 500.660            | 500.000           | 0.1  |
| Aroclor-1260-2       | 6.387 | 6.292     | 6.492 | 488.800            | 500.000           | -2.2 |
| Aroclor-1260-3       | 6.538 | 6.443     | 6.643 | 456.710            | 500.000           | -8.7 |
| Aroclor-1260-4       | 7.007 | 6.912     | 7.112 | 470.540            | 500.000           | -5.9 |
| Aroclor-1260-5       | 7.249 | 7.155     | 7.355 | 459.290            | 500.000           | -8.1 |
| Decachlorobiphenyl   | 8.620 | 8.528     | 8.728 | 55.050             | 50.000            | 10.1 |
| Tetrachloro-m-xylene | 3.651 | 3.555     | 3.755 | 54.760             | 50.000            | 9.5  |

# CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TETR06

Lab Code: ACE

SDG NO.: Q3017

Continuing Calib Date: 09/05/2025

Initial Calibration Date(s): 08/19/2025

08/19/2025

Continuing Calib Time: 08:40

Initial Calibration Time(s): 10:02

17:36

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.81       | 5.81      | 5.71      | 5.91  | 0.00       |
| Aroclor-1016-2       | (2) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-3       | (3) | 5.89       | 5.89      | 5.79      | 5.99  | 0.00       |
| Aroclor-1016-4       | (4) | 5.99       | 5.99      | 5.89      | 6.09  | 0.00       |
| Aroclor-1016-5       | (5) | 6.28       | 6.28      | 6.18      | 6.38  | 0.00       |
| Aroclor-1260-1       | (1) | 7.40       | 7.40      | 7.30      | 7.50  | 0.00       |
| Aroclor-1260-2       | (2) | 7.65       | 7.65      | 7.55      | 7.75  | 0.00       |
| Aroclor-1260-3       | (3) | 8.01       | 8.01      | 7.91      | 8.11  | 0.00       |
| Aroclor-1260-4       | (4) | 8.24       | 8.24      | 8.14      | 8.34  | 0.00       |
| Aroclor-1260-5       | (5) | 8.56       | 8.56      | 8.46      | 8.66  | 0.00       |
| Tetrachloro-m-xylene |     | 4.65       | 4.65      | 4.55      | 4.75  | 0.00       |
| Decachlorobiphenyl   |     | 10.43      | 10.43     | 10.33     | 10.53 | 0.00       |

# CALIBRATION VERIFICATION SUMMARY

|                               |                   |                                     |                                     |
|-------------------------------|-------------------|-------------------------------------|-------------------------------------|
| <b>Lab Name:</b>              | <u>Alliance</u>   | <b>Contract:</b>                    | <u>TETR06</u>                       |
| <b>Lab Code:</b>              | <u>ACE</u>        | <b>SDG NO.:</b>                     | <u>Q3017</u>                        |
| <b>Continuing Calib Date:</b> | <u>09/05/2025</u> | <b>Initial Calibration Date(s):</b> | <u>08/19/2025</u> <u>08/19/2025</u> |
| <b>Continuing Calib Time:</b> | <u>08:40</u>      | <b>Initial Calibration Time(s):</b> | <u>10:02</u> <u>17:36</u>           |

**GC Column:** ZB-MR2      **ID:** 0.32      (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.89       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-2       | (2) | 4.95       | 4.96      | 4.86      | 5.06 | 0.01       |
| Aroclor-1016-3       | (3) | 5.07       | 5.08      | 4.98      | 5.18 | 0.01       |
| Aroclor-1016-4       | (4) | 5.11       | 5.12      | 5.02      | 5.22 | 0.01       |
| Aroclor-1016-5       | (5) | 5.33       | 5.33      | 5.23      | 5.43 | 0.00       |
| Aroclor-1260-1       | (1) | 6.36       | 6.36      | 6.26      | 6.46 | 0.00       |
| Aroclor-1260-2       | (2) | 6.54       | 6.55      | 6.45      | 6.65 | 0.01       |
| Aroclor-1260-3       | (3) | 6.70       | 6.70      | 6.60      | 6.80 | 0.00       |
| Aroclor-1260-4       | (4) | 7.17       | 7.17      | 7.07      | 7.27 | 0.00       |
| Aroclor-1260-5       | (5) | 7.41       | 7.41      | 7.31      | 7.51 | 0.00       |
| Tetrachloro-m-xylene |     | 3.79       | 3.80      | 3.70      | 3.90 | 0.01       |
| Decachlorobiphenyl   |     | 8.81       | 8.82      | 8.72      | 8.92 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 09/05/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP074886.D **Time Analyzed:** 08:40

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.806  | 5.706     | 5.906  | 509.440            | 500.000           | 1.9  |
| Aroclor-1016-2       | 5.827  | 5.727     | 5.927  | 530.120            | 500.000           | 6.0  |
| Aroclor-1016-3       | 5.890  | 5.790     | 5.990  | 478.420            | 500.000           | -4.3 |
| Aroclor-1016-4       | 5.988  | 5.888     | 6.088  | 508.630            | 500.000           | 1.7  |
| Aroclor-1016-5       | 6.280  | 6.180     | 6.380  | 528.550            | 500.000           | 5.7  |
| Aroclor-1260-1       | 7.397  | 7.297     | 7.497  | 490.460            | 500.000           | -1.9 |
| Aroclor-1260-2       | 7.650  | 7.550     | 7.750  | 485.610            | 500.000           | -2.9 |
| Aroclor-1260-3       | 8.008  | 7.908     | 8.108  | 516.920            | 500.000           | 3.4  |
| Aroclor-1260-4       | 8.236  | 8.136     | 8.336  | 496.700            | 500.000           | -0.7 |
| Aroclor-1260-5       | 8.562  | 8.462     | 8.662  | 476.630            | 500.000           | -4.7 |
| Decachlorobiphenyl   | 10.433 | 10.333    | 10.533 | 56.080             | 50.000            | 12.2 |
| Tetrachloro-m-xylene | 4.654  | 4.554     | 4.754  | 53.210             | 50.000            | 6.4  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 09/05/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP074886.D **Time Analyzed:** 08:40

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.893 | 4.799     | 4.999 | 555.770            | 500.000           | 11.2 |
| Aroclor-1016-2       | 4.952 | 4.855     | 5.055 | 568.340            | 500.000           | 13.7 |
| Aroclor-1016-3       | 5.072 | 4.976     | 5.176 | 539.900            | 500.000           | 8.0  |
| Aroclor-1016-4       | 5.112 | 5.017     | 5.217 | 528.240            | 500.000           | 5.6  |
| Aroclor-1016-5       | 5.327 | 5.231     | 5.431 | 475.800            | 500.000           | -4.8 |
| Aroclor-1260-1       | 6.357 | 6.261     | 6.461 | 508.560            | 500.000           | 1.7  |
| Aroclor-1260-2       | 6.542 | 6.448     | 6.648 | 499.680            | 500.000           | -0.1 |
| Aroclor-1260-3       | 6.696 | 6.602     | 6.802 | 450.490            | 500.000           | -9.9 |
| Aroclor-1260-4       | 7.166 | 7.072     | 7.272 | 489.810            | 500.000           | -2.0 |
| Aroclor-1260-5       | 7.405 | 7.311     | 7.511 | 473.770            | 500.000           | -5.2 |
| Decachlorobiphenyl   | 8.806 | 8.715     | 8.915 | 55.940             | 50.000            | 11.9 |
| Tetrachloro-m-xylene | 3.794 | 3.699     | 3.899 | 59.900             | 50.000            | 19.8 |

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**Continuing Calib Date:** 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025  
**Continuing Calib Time:** 12:51 **Initial Calibration Time(s):** 10:02 17:36

**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.81       | 5.81      | 5.71      | 5.91  | 0.00       |
| Aroclor-1016-2       | (2) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-3       | (3) | 5.90       | 5.89      | 5.79      | 5.99  | -0.01      |
| Aroclor-1016-4       | (4) | 5.99       | 5.99      | 5.89      | 6.09  | 0.00       |
| Aroclor-1016-5       | (5) | 6.29       | 6.28      | 6.18      | 6.38  | -0.01      |
| Aroclor-1260-1       | (1) | 7.40       | 7.40      | 7.30      | 7.50  | 0.00       |
| Aroclor-1260-2       | (2) | 7.66       | 7.65      | 7.55      | 7.75  | -0.01      |
| Aroclor-1260-3       | (3) | 8.01       | 8.01      | 7.91      | 8.11  | 0.00       |
| Aroclor-1260-4       | (4) | 8.24       | 8.24      | 8.14      | 8.34  | 0.00       |
| Aroclor-1260-5       | (5) | 8.57       | 8.56      | 8.46      | 8.66  | -0.01      |
| Tetrachloro-m-xylene |     | 4.66       | 4.65      | 4.55      | 4.75  | -0.01      |
| Decachlorobiphenyl   |     | 10.44      | 10.43     | 10.33     | 10.53 | -0.01      |

# CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**Continuing Calib Date:** 09/05/2025 **Initial Calibration Date(s):** 08/19/2025 08/19/2025  
**Continuing Calib Time:** 12:51 **Initial Calibration Time(s):** 10:02 17:36

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.90       | 4.90      | 4.80      | 5.00 | 0.00       |
| Aroclor-1016-2       | (2) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-3       | (3) | 5.08       | 5.08      | 4.98      | 5.18 | 0.00       |
| Aroclor-1016-4       | (4) | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |
| Aroclor-1016-5       | (5) | 5.33       | 5.33      | 5.23      | 5.43 | 0.00       |
| Aroclor-1260-1       | (1) | 6.36       | 6.36      | 6.26      | 6.46 | 0.00       |
| Aroclor-1260-2       | (2) | 6.55       | 6.55      | 6.45      | 6.65 | 0.00       |
| Aroclor-1260-3       | (3) | 6.70       | 6.70      | 6.60      | 6.80 | 0.00       |
| Aroclor-1260-4       | (4) | 7.17       | 7.17      | 7.07      | 7.27 | 0.00       |
| Aroclor-1260-5       | (5) | 7.41       | 7.41      | 7.31      | 7.51 | 0.00       |
| Tetrachloro-m-xylene |     | 3.80       | 3.80      | 3.70      | 3.90 | 0.00       |
| Decachlorobiphenyl   |     | 8.81       | 8.82      | 8.72      | 8.92 | 0.01       |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 09/05/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP074897.D **Time Analyzed:** 12:51

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.812  | 5.706     | 5.906  | 518.950            | 500.000           | 3.8  |
| Aroclor-1016-2       | 5.833  | 5.727     | 5.927  | 533.100            | 500.000           | 6.6  |
| Aroclor-1016-3       | 5.896  | 5.790     | 5.990  | 487.500            | 500.000           | -2.5 |
| Aroclor-1016-4       | 5.993  | 5.888     | 6.088  | 512.430            | 500.000           | 2.5  |
| Aroclor-1016-5       | 6.286  | 6.180     | 6.380  | 533.180            | 500.000           | 6.6  |
| Aroclor-1260-1       | 7.404  | 7.297     | 7.497  | 493.310            | 500.000           | -1.3 |
| Aroclor-1260-2       | 7.656  | 7.550     | 7.750  | 489.630            | 500.000           | -2.1 |
| Aroclor-1260-3       | 8.014  | 7.908     | 8.108  | 521.850            | 500.000           | 4.4  |
| Aroclor-1260-4       | 8.243  | 8.136     | 8.336  | 497.170            | 500.000           | -0.6 |
| Aroclor-1260-5       | 8.569  | 8.462     | 8.662  | 482.090            | 500.000           | -3.6 |
| Decachlorobiphenyl   | 10.442 | 10.333    | 10.533 | 56.640             | 50.000            | 13.3 |
| Tetrachloro-m-xylene | 4.660  | 4.554     | 4.754  | 53.390             | 50.000            | 6.8  |

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **SDG NO.:** Q3017  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 09/05/2025  
**Lab Sample No.:** AR1660CCC500 **Data File :** PP074897.D **Time Analyzed:** 12:51

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.899 | 4.799     | 4.999 | 542.700            | 500.000           | 8.5  |
| Aroclor-1016-2       | 4.957 | 4.855     | 5.055 | 551.020            | 500.000           | 10.2 |
| Aroclor-1016-3       | 5.077 | 4.976     | 5.176 | 549.490            | 500.000           | 9.9  |
| Aroclor-1016-4       | 5.118 | 5.017     | 5.217 | 522.750            | 500.000           | 4.6  |
| Aroclor-1016-5       | 5.333 | 5.231     | 5.431 | 485.330            | 500.000           | -2.9 |
| Aroclor-1260-1       | 6.362 | 6.261     | 6.461 | 514.650            | 500.000           | 2.9  |
| Aroclor-1260-2       | 6.548 | 6.448     | 6.648 | 494.340            | 500.000           | -1.1 |
| Aroclor-1260-3       | 6.702 | 6.602     | 6.802 | 455.980            | 500.000           | -8.8 |
| Aroclor-1260-4       | 7.172 | 7.072     | 7.272 | 485.530            | 500.000           | -2.9 |
| Aroclor-1260-5       | 7.411 | 7.311     | 7.511 | 471.710            | 500.000           | -5.7 |
| Decachlorobiphenyl   | 8.813 | 8.715     | 8.915 | 55.610             | 50.000            | 11.2 |
| Tetrachloro-m-xylene | 3.800 | 3.699     | 3.899 | 59.960             | 50.000            | 19.9 |

## Analytical Sequence

Client: Tetra Tech NUS, Inc.

SDG No.: Q3017

Project: NWIRP Bethpage 112G08005-WE13

Instrument ID: ECD\_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/18/2025

08/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID     | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|---------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK          | IBLK             | 08/18/2025       | 09:34            | PO113002.D | 8.68        | 3.66        |
| AR1660ICC1000 | AR1660ICC1000    | 08/18/2025       | 09:53            | PO113003.D | 8.68        | 3.66        |
| AR1660ICC750  | AR1660ICC750     | 08/18/2025       | 10:11            | PO113004.D | 8.68        | 3.66        |
| AR1660ICC500  | AR1660ICC500     | 08/18/2025       | 10:29            | PO113005.D | 8.68        | 3.66        |
| AR1660ICC250  | AR1660ICC250     | 08/18/2025       | 10:48            | PO113006.D | 8.68        | 3.66        |
| AR1660ICC050  | AR1660ICC050     | 08/18/2025       | 11:06            | PO113007.D | 8.68        | 3.66        |
| AR1221ICC500  | AR1221ICC500     | 08/18/2025       | 11:25            | PO113008.D | 8.68        | 3.66        |
| AR1232ICC500  | AR1232ICC500     | 08/18/2025       | 11:43            | PO113009.D | 8.68        | 3.66        |
| AR1242ICC1000 | AR1242ICC1000    | 08/18/2025       | 12:01            | PO113010.D | 8.68        | 3.66        |
| AR1242ICC750  | AR1242ICC750     | 08/18/2025       | 12:20            | PO113011.D | 8.68        | 3.66        |
| AR1242ICC500  | AR1242ICC500     | 08/18/2025       | 12:38            | PO113012.D | 8.68        | 3.66        |
| AR1242ICC250  | AR1242ICC250     | 08/18/2025       | 12:57            | PO113013.D | 8.68        | 3.66        |
| AR1242ICC050  | AR1242ICC050     | 08/18/2025       | 13:15            | PO113014.D | 8.68        | 3.66        |
| AR1248ICC1000 | AR1248ICC1000    | 08/18/2025       | 13:34            | PO113015.D | 8.68        | 3.66        |
| AR1248ICC750  | AR1248ICC750     | 08/18/2025       | 13:52            | PO113016.D | 8.68        | 3.66        |
| AR1248ICC500  | AR1248ICC500     | 08/18/2025       | 14:09            | PO113017.D | 8.68        | 3.66        |
| AR1248ICC250  | AR1248ICC250     | 08/18/2025       | 14:28            | PO113018.D | 8.68        | 3.66        |
| AR1248ICC050  | AR1248ICC050     | 08/18/2025       | 14:46            | PO113019.D | 8.68        | 3.66        |
| AR1254ICC1000 | AR1254ICC1000    | 08/18/2025       | 15:05            | PO113020.D | 8.68        | 3.66        |
| AR1254ICC750  | AR1254ICC750     | 08/18/2025       | 15:23            | PO113021.D | 8.68        | 3.66        |
| AR1254ICC500  | AR1254ICC500     | 08/18/2025       | 15:41            | PO113022.D | 8.68        | 3.66        |
| AR1254ICC250  | AR1254ICC250     | 08/18/2025       | 16:00            | PO113023.D | 8.68        | 3.66        |
| AR1254ICC050  | AR1254ICC050     | 08/18/2025       | 16:18            | PO113024.D | 8.68        | 3.66        |
| AR1262ICC500  | AR1262ICC500     | 08/18/2025       | 16:54            | PO113025.D | 8.68        | 3.66        |
| AR1268ICC1000 | AR1268ICC1000    | 08/18/2025       | 17:12            | PO113026.D | 8.68        | 3.66        |
| AR1268ICC750  | AR1268ICC750     | 08/18/2025       | 17:30            | PO113027.D | 8.68        | 3.66        |
| AR1268ICC500  | AR1268ICC500     | 08/18/2025       | 17:48            | PO113028.D | 8.68        | 3.66        |
| AR1268ICC250  | AR1268ICC250     | 08/18/2025       | 18:06            | PO113029.D | 8.68        | 3.66        |
| AR1268ICC050  | AR1268ICC050     | 08/18/2025       | 18:24            | PO113030.D | 8.68        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 09/04/2025       | 18:49            | PO113478.D | 8.67        | 3.66        |
| IBLK          | IBLK             | 09/04/2025       | 20:39            | PO113482.D | 8.68        | 3.66        |
| PB169547BL    | PB169547BL       | 09/04/2025       | 20:56            | PO113483.D | 8.67        | 3.66        |
| PB169547BS    | PB169547BS       | 09/04/2025       | 21:15            | PO113484.D | 8.68        | 3.66        |
| PB169547BSD   | PB169547BSD      | 09/04/2025       | 21:33            | PO113485.D | 8.68        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 09/04/2025       | 23:23            | PO113488.D | 8.68        | 3.66        |
| IBLK          | IBLK             | 09/05/2025       | 01:12            | PO113492.D | 8.68        | 3.66        |
| IBLK          | IBLK             | 08/19/2025       | 09:46            | PP074490.D | 10.43       | 4.65        |
| AR1660ICC1000 | AR1660ICC1000    | 08/19/2025       | 10:02            | PP074491.D | 10.43       | 4.65        |
| AR1660ICC750  | AR1660ICC750     | 08/19/2025       | 10:18            | PP074492.D | 10.44       | 4.66        |
| AR1660ICC500  | AR1660ICC500     | 08/19/2025       | 10:34            | PP074493.D | 10.43       | 4.65        |
| AR1660ICC250  | AR1660ICC250     | 08/19/2025       | 10:51            | PP074494.D | 10.43       | 4.66        |
| AR1660ICC050  | AR1660ICC050     | 08/19/2025       | 11:07            | PP074495.D | 10.44       | 4.66        |

### Analytical Sequence

|                       |                |            |       |            |       |      |
|-----------------------|----------------|------------|-------|------------|-------|------|
| AR1221ICC500          | AR1221ICC500   | 08/19/2025 | 11:23 | PP074496.D | 10.43 | 4.65 |
| AR12321ICC500         | AR12321ICC500  | 08/19/2025 | 11:39 | PP074497.D | 10.43 | 4.66 |
| AR12421ICC1000        | AR12421ICC1000 | 08/19/2025 | 11:55 | PP074498.D | 10.43 | 4.66 |
| AR12421ICC750         | AR12421ICC750  | 08/19/2025 | 12:12 | PP074499.D | 10.44 | 4.66 |
| AR12421ICC500         | AR12421ICC500  | 08/19/2025 | 12:28 | PP074500.D | 10.43 | 4.66 |
| AR12421ICC250         | AR12421ICC250  | 08/19/2025 | 12:44 | PP074501.D | 10.44 | 4.66 |
| AR12421ICC050         | AR12421ICC050  | 08/19/2025 | 13:00 | PP074502.D | 10.44 | 4.66 |
| AR12481ICC1000        | AR12481ICC1000 | 08/19/2025 | 13:16 | PP074503.D | 10.44 | 4.66 |
| AR12481ICC750         | AR12481ICC750  | 08/19/2025 | 13:33 | PP074504.D | 10.44 | 4.66 |
| AR12481ICC500         | AR12481ICC500  | 08/19/2025 | 13:49 | PP074505.D | 10.44 | 4.66 |
| AR12481ICC250         | AR12481ICC250  | 08/19/2025 | 14:05 | PP074506.D | 10.44 | 4.66 |
| AR12481ICC050         | AR12481ICC050  | 08/19/2025 | 14:21 | PP074507.D | 10.44 | 4.66 |
| AR12541ICC1000        | AR12541ICC1000 | 08/19/2025 | 14:37 | PP074508.D | 10.44 | 4.66 |
| AR12541ICC750         | AR12541ICC750  | 08/19/2025 | 14:53 | PP074509.D | 10.44 | 4.66 |
| AR12541ICC500         | AR12541ICC500  | 08/19/2025 | 15:10 | PP074510.D | 10.44 | 4.66 |
| AR12541ICC250         | AR12541ICC250  | 08/19/2025 | 15:42 | PP074511.D | 10.44 | 4.66 |
| AR12541ICC050         | AR12541ICC050  | 08/19/2025 | 15:58 | PP074512.D | 10.44 | 4.66 |
| AR12621ICC500         | AR12621ICC500  | 08/19/2025 | 16:14 | PP074513.D | 10.44 | 4.66 |
| AR12681ICC1000        | AR12681ICC1000 | 08/19/2025 | 16:31 | PP074514.D | 10.43 | 4.66 |
| AR12681ICC750         | AR12681ICC750  | 08/19/2025 | 16:47 | PP074515.D | 10.44 | 4.66 |
| AR12681ICC500         | AR12681ICC500  | 08/19/2025 | 17:03 | PP074516.D | 10.43 | 4.66 |
| AR12681ICC250         | AR12681ICC250  | 08/19/2025 | 17:19 | PP074517.D | 10.44 | 4.66 |
| AR12681ICC050         | AR12681ICC050  | 08/19/2025 | 17:36 | PP074518.D | 10.43 | 4.66 |
| AR1660CCC500          | AR1660CCC500   | 09/05/2025 | 08:40 | PP074886.D | 10.43 | 4.65 |
| IBLK                  | IBLK           | 09/05/2025 | 09:09 | PP074887.D | 10.45 | 4.66 |
| TT-076-IDWGW-20250903 | Q3017-02       | 09/05/2025 | 11:30 | PP074893.D | 10.43 | 4.66 |
| TT-077-IDWGW-20250903 | Q3017-03       | 09/05/2025 | 11:46 | PP074894.D | 10.44 | 4.66 |
| TT-078-IDWGW-20250903 | Q3017-04       | 09/05/2025 | 12:02 | PP074895.D | 10.44 | 4.66 |
| TT-079-IDWGW-20250903 | Q3017-05       | 09/05/2025 | 12:19 | PP074896.D | 10.44 | 4.66 |
| AR1660CCC500          | AR1660CCC500   | 09/05/2025 | 12:51 | PP074897.D | 10.44 | 4.66 |
| IBLK                  | IBLK           | 09/05/2025 | 13:07 | PP074898.D | 10.44 | 4.66 |

## Analytical Sequence

|                                        |                                                                     |
|----------------------------------------|---------------------------------------------------------------------|
| Client: Tetra Tech NUS, Inc.           | SDG No.: Q3017                                                      |
| Project: NWIRP Bethpage 112G08005-WE13 | Instrument ID: ECD_O                                                |
| GC Column: ZB-MR2                      | ID: 0.32 (mm)      Inst. Calib. Date(s): 08/18/2025      08/18/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| CLIENT ID     | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|---------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK          | IBLK             | 08/18/2025       | 09:34            | PO113002.D | 8.63        | 3.66        |
| AR1660ICC1000 | AR1660ICC1000    | 08/18/2025       | 09:53            | PO113003.D | 8.63        | 3.66        |
| AR1660ICC750  | AR1660ICC750     | 08/18/2025       | 10:11            | PO113004.D | 8.63        | 3.66        |
| AR1660ICC500  | AR1660ICC500     | 08/18/2025       | 10:29            | PO113005.D | 8.63        | 3.66        |
| AR1660ICC250  | AR1660ICC250     | 08/18/2025       | 10:48            | PO113006.D | 8.63        | 3.66        |
| AR1660ICC050  | AR1660ICC050     | 08/18/2025       | 11:06            | PO113007.D | 8.63        | 3.65        |
| AR1221ICC500  | AR1221ICC500     | 08/18/2025       | 11:25            | PO113008.D | 8.63        | 3.66        |
| AR1232ICC500  | AR1232ICC500     | 08/18/2025       | 11:43            | PO113009.D | 8.63        | 3.66        |
| AR1242ICC1000 | AR1242ICC1000    | 08/18/2025       | 12:01            | PO113010.D | 8.63        | 3.66        |
| AR1242ICC750  | AR1242ICC750     | 08/18/2025       | 12:20            | PO113011.D | 8.63        | 3.66        |
| AR1242ICC500  | AR1242ICC500     | 08/18/2025       | 12:38            | PO113012.D | 8.63        | 3.66        |
| AR1242ICC250  | AR1242ICC250     | 08/18/2025       | 12:57            | PO113013.D | 8.63        | 3.66        |
| AR1242ICC050  | AR1242ICC050     | 08/18/2025       | 13:15            | PO113014.D | 8.63        | 3.66        |
| AR1248ICC1000 | AR1248ICC1000    | 08/18/2025       | 13:34            | PO113015.D | 8.63        | 3.66        |
| AR1248ICC750  | AR1248ICC750     | 08/18/2025       | 13:52            | PO113016.D | 8.63        | 3.66        |
| AR1248ICC500  | AR1248ICC500     | 08/18/2025       | 14:09            | PO113017.D | 8.63        | 3.66        |
| AR1248ICC250  | AR1248ICC250     | 08/18/2025       | 14:28            | PO113018.D | 8.63        | 3.66        |
| AR1248ICC050  | AR1248ICC050     | 08/18/2025       | 14:46            | PO113019.D | 8.63        | 3.66        |
| AR1254ICC1000 | AR1254ICC1000    | 08/18/2025       | 15:05            | PO113020.D | 8.63        | 3.66        |
| AR1254ICC750  | AR1254ICC750     | 08/18/2025       | 15:23            | PO113021.D | 8.63        | 3.66        |
| AR1254ICC500  | AR1254ICC500     | 08/18/2025       | 15:41            | PO113022.D | 8.63        | 3.66        |
| AR1254ICC250  | AR1254ICC250     | 08/18/2025       | 16:00            | PO113023.D | 8.63        | 3.66        |
| AR1254ICC050  | AR1254ICC050     | 08/18/2025       | 16:18            | PO113024.D | 8.63        | 3.66        |
| AR1262ICC500  | AR1262ICC500     | 08/18/2025       | 16:54            | PO113025.D | 8.63        | 3.66        |
| AR1268ICC1000 | AR1268ICC1000    | 08/18/2025       | 17:12            | PO113026.D | 8.63        | 3.66        |
| AR1268ICC750  | AR1268ICC750     | 08/18/2025       | 17:30            | PO113027.D | 8.63        | 3.66        |
| AR1268ICC500  | AR1268ICC500     | 08/18/2025       | 17:48            | PO113028.D | 8.63        | 3.66        |
| AR1268ICC250  | AR1268ICC250     | 08/18/2025       | 18:06            | PO113029.D | 8.63        | 3.66        |
| AR1268ICC050  | AR1268ICC050     | 08/18/2025       | 18:24            | PO113030.D | 8.63        | 3.66        |
| AR1660CCC500  | AR1660CCC500     | 09/04/2025       | 18:49            | PO113478.D | 8.62        | 3.65        |
| IBLK          | IBLK             | 09/04/2025       | 20:39            | PO113482.D | 8.62        | 3.65        |
| PB169547BL    | PB169547BL       | 09/04/2025       | 20:56            | PO113483.D | 8.62        | 3.65        |
| PB169547BS    | PB169547BS       | 09/04/2025       | 21:15            | PO113484.D | 8.62        | 3.65        |
| PB169547BSD   | PB169547BSD      | 09/04/2025       | 21:33            | PO113485.D | 8.62        | 3.65        |
| AR1660CCC500  | AR1660CCC500     | 09/04/2025       | 23:23            | PO113488.D | 8.62        | 3.65        |
| IBLK          | IBLK             | 09/05/2025       | 01:12            | PO113492.D | 8.62        | 3.65        |
| IBLK          | IBLK             | 08/19/2025       | 09:46            | PP074490.D | 8.81        | 3.80        |
| AR1660ICC1000 | AR1660ICC1000    | 08/19/2025       | 10:02            | PP074491.D | 8.81        | 3.80        |
| AR1660ICC750  | AR1660ICC750     | 08/19/2025       | 10:18            | PP074492.D | 8.82        | 3.80        |
| AR1660ICC500  | AR1660ICC500     | 08/19/2025       | 10:34            | PP074493.D | 8.82        | 3.80        |
| AR1660ICC250  | AR1660ICC250     | 08/19/2025       | 10:51            | PP074494.D | 8.81        | 3.80        |
| AR1660ICC050  | AR1660ICC050     | 08/19/2025       | 11:07            | PP074495.D | 8.82        | 3.80        |

### Analytical Sequence

|                       |                |            |       |            |      |      |
|-----------------------|----------------|------------|-------|------------|------|------|
| AR1221ICC500          | AR1221ICC500   | 08/19/2025 | 11:23 | PP074496.D | 8.82 | 3.80 |
| AR12321ICC500         | AR12321ICC500  | 08/19/2025 | 11:39 | PP074497.D | 8.82 | 3.80 |
| AR12421ICC1000        | AR12421ICC1000 | 08/19/2025 | 11:55 | PP074498.D | 8.82 | 3.80 |
| AR12421ICC750         | AR12421ICC750  | 08/19/2025 | 12:12 | PP074499.D | 8.82 | 3.80 |
| AR12421ICC500         | AR12421ICC500  | 08/19/2025 | 12:28 | PP074500.D | 8.81 | 3.80 |
| AR12421ICC250         | AR12421ICC250  | 08/19/2025 | 12:44 | PP074501.D | 8.82 | 3.80 |
| AR12421ICC050         | AR12421ICC050  | 08/19/2025 | 13:00 | PP074502.D | 8.82 | 3.80 |
| AR12481ICC1000        | AR12481ICC1000 | 08/19/2025 | 13:16 | PP074503.D | 8.82 | 3.80 |
| AR12481ICC750         | AR12481ICC750  | 08/19/2025 | 13:33 | PP074504.D | 8.82 | 3.80 |
| AR12481ICC500         | AR12481ICC500  | 08/19/2025 | 13:49 | PP074505.D | 8.82 | 3.80 |
| AR12481ICC250         | AR12481ICC250  | 08/19/2025 | 14:05 | PP074506.D | 8.82 | 3.80 |
| AR12481ICC050         | AR12481ICC050  | 08/19/2025 | 14:21 | PP074507.D | 8.82 | 3.80 |
| AR12541ICC1000        | AR12541ICC1000 | 08/19/2025 | 14:37 | PP074508.D | 8.82 | 3.80 |
| AR12541ICC750         | AR12541ICC750  | 08/19/2025 | 14:53 | PP074509.D | 8.82 | 3.80 |
| AR12541ICC500         | AR12541ICC500  | 08/19/2025 | 15:10 | PP074510.D | 8.82 | 3.80 |
| AR12541ICC250         | AR12541ICC250  | 08/19/2025 | 15:42 | PP074511.D | 8.82 | 3.80 |
| AR12541ICC050         | AR12541ICC050  | 08/19/2025 | 15:58 | PP074512.D | 8.81 | 3.80 |
| AR12621ICC500         | AR12621ICC500  | 08/19/2025 | 16:14 | PP074513.D | 8.82 | 3.80 |
| AR12681ICC1000        | AR12681ICC1000 | 08/19/2025 | 16:31 | PP074514.D | 8.81 | 3.80 |
| AR12681ICC750         | AR12681ICC750  | 08/19/2025 | 16:47 | PP074515.D | 8.82 | 3.80 |
| AR12681ICC500         | AR12681ICC500  | 08/19/2025 | 17:03 | PP074516.D | 8.81 | 3.80 |
| AR12681ICC250         | AR12681ICC250  | 08/19/2025 | 17:19 | PP074517.D | 8.82 | 3.80 |
| AR12681ICC050         | AR12681ICC050  | 08/19/2025 | 17:36 | PP074518.D | 8.81 | 3.80 |
| AR1660CCC500          | AR1660CCC500   | 09/05/2025 | 08:40 | PP074886.D | 8.81 | 3.79 |
| IBLK                  | IBLK           | 09/05/2025 | 09:09 | PP074887.D | 8.81 | 3.80 |
| TT-076-IDWGW-20250903 | Q3017-02       | 09/05/2025 | 11:30 | PP074893.D | 8.81 | 3.79 |
| TT-077-IDWGW-20250903 | Q3017-03       | 09/05/2025 | 11:46 | PP074894.D | 8.81 | 3.80 |
| TT-078-IDWGW-20250903 | Q3017-04       | 09/05/2025 | 12:02 | PP074895.D | 8.81 | 3.80 |
| TT-079-IDWGW-20250903 | Q3017-05       | 09/05/2025 | 12:19 | PP074896.D | 8.81 | 3.80 |
| AR1660CCC500          | AR1660CCC500   | 09/05/2025 | 12:51 | PP074897.D | 8.81 | 3.80 |
| IBLK                  | IBLK           | 09/05/2025 | 13:07 | PP074898.D | 8.81 | 3.80 |



# QC SAMPLE DATA

## Report of Analysis

|                    |                               |           |                    |       |           |
|--------------------|-------------------------------|-----------|--------------------|-------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    |       |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     |       |           |
| Client Sample ID:  | PB169547BL                    |           | SDG No.:           | Q3017 |           |
| Lab Sample ID:     | PB169547BL                    |           | Matrix:            | WATER |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB   |           |
| Extraction Type:   |                               |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                           | PH :      |                    |       |           |
| Prep Method :      | 3510C                         |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO113483.D        | 1         | 09/04/25 09:33 | 09/04/25 20:56 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.4  |           | 35 - 137 |      | 102%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.6  |           | 40 - 135 |      | 103%       | SPK: 20 |

### Comments:

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |          |           |
|--------------------|-------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    | 08/18/25 |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     | 08/18/25 |           |
| Client Sample ID:  | PIBLK-PO113002.D              |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | I.BLK-PO113002.D              |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 5030                          |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO113002.D        | 1         |           | 08/18/25      | PO081825      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.6  |           | 60 - 140 |      | 83%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.2  |           | 60 - 140 |      | 86%        | SPK: 20 |

### Comments:

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\* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |          |           |
|--------------------|-------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    | 09/04/25 |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     | 09/04/25 |           |
| Client Sample ID:  | PIBLK-PO113482.D              |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | I.BLK-PO113482.D              |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 5030                          |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO113482.D        | 1         |           | 09/04/25      | po090425      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.2  |           | 60 - 140 |      | 91%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.8  |           | 60 - 140 |      | 89%        | SPK: 20 |

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |          |           |
|--------------------|-------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    | 09/05/25 |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     | 09/05/25 |           |
| Client Sample ID:  | PIBLK-PO113492.D              |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | I.BLK-PO113492.D              |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 5030                          |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO113492.D        | 1         |           | 09/05/25      | po090425      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.6  |           | 60 - 140 |      | 93%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.9  |           | 60 - 140 |      | 94%        | SPK: 20 |

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |          |           |
|--------------------|-------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    | 08/19/25 |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     | 08/19/25 |           |
| Client Sample ID:  | PIBLK-PP074490.D              |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | I.BLK-PP074490.D              |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 5030                          |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP074490.D        | 1         |           | 08/19/25      | PP081925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 15.7  |           | 60 - 140 |      | 78%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.9  |           | 60 - 140 |      | 85%        | SPK: 20 |

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\* = Values outside of QC limits

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |          |           |
|--------------------|-------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    | 09/05/25 |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     | 09/05/25 |           |
| Client Sample ID:  | PIBLK-PP074887.D              |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | I.BLK-PP074887.D              |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 5030                          |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP074887.D        | 1         |           | 09/05/25      | pp090525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.6  |           | 60 - 140 |      | 83%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 14.3  |           | 60 - 140 |      | 72%        | SPK: 20 |

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |          |           |
|--------------------|-------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    | 09/05/25 |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     | 09/05/25 |           |
| Client Sample ID:  | PIBLK-PP074898.D              |           | SDG No.:           | Q3017    |           |
| Lab Sample ID:     | I.BLK-PP074898.D              |           | Matrix:            | WATER    |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB      |           |
| Extraction Type:   |                               |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                           | PH :      |                    |          |           |
| Prep Method :      | 5030                          |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP074898.D        | 1         |           | 09/05/25      | pp090525      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 0.25  | U         | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.25  | U         | 0.081    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 15.6  |           | 60 - 140 |      | 78%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 13.9  |           | 60 - 140 |      | 70%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |       |           |
|--------------------|-------------------------------|-----------|--------------------|-------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    |       |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     |       |           |
| Client Sample ID:  | PB169547BS                    |           | SDG No.:           | Q3017 |           |
| Lab Sample ID:     | PB169547BS                    |           | Matrix:            | WATER |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB   |           |
| Extraction Type:   |                               |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                           | PH :      |                    |       |           |
| Prep Method :      | 3510C                         |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO113484.D        | 1         | 09/04/25 09:33 | 09/04/25 21:15 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 4.70  |           | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 4.50  |           | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.2  |           | 35 - 137 |      | 101%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 21.3  |           | 40 - 135 |      | 106%       | SPK: 20 |

### Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                               |           |                    |       |           |
|--------------------|-------------------------------|-----------|--------------------|-------|-----------|
| Client:            | Tetra Tech NUS, Inc.          |           | Date Collected:    |       |           |
| Project:           | NWIRP Bethpage 112G08005-WE13 |           | Date Received:     |       |           |
| Client Sample ID:  | PB169547BSD                   |           | SDG No.:           | Q3017 |           |
| Lab Sample ID:     | PB169547BSD                   |           | Matrix:            | WATER |           |
| Analytical Method: | 8082A                         |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                          | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                               | uL        | Test:              | PCB   |           |
| Extraction Type:   |                               |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                           | PH :      |                    |       |           |
| Prep Method :      | 3510C                         |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO113485.D        | 1         | 09/04/25 09:33 | 09/04/25 21:33 | PB169547      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOD  | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |      |            |         |
| 12674-11-2        | Aroclor-1016         | 4.70  |           | 0.097    | 0.25 | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.40  | U         | 0.13     | 0.40 | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.25  | U         | 0.096    | 0.25 | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.25  | U         | 0.12     | 0.25 | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.25  | U         | 0.071    | 0.25 | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.25  | U         | 0.094    | 0.25 | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.40  | U         | 0.14     | 0.40 | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.25  | U         | 0.11     | 0.25 | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 4.30  |           | 0.081    | 0.25 | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |      |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 19.6  |           | 35 - 137 |      | 98%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.5  |           | 40 - 135 |      | 102%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## LAB CHRONICLE

|                 |                      |                   |                               |
|-----------------|----------------------|-------------------|-------------------------------|
| <b>OrderID:</b> | Q3017                | <b>OrderDate:</b> | 9/4/2025 10:17:00 AM          |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | J12,VOA Lab                   |

| LabID           | ClientID                          | Matrix       | Test           | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-----------------------------------|--------------|----------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3017-02</b> | <b>TT-076-IDWGW-2025<br/>0903</b> | <b>Water</b> |                |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | Mercury        | 7470A  |                 | 09/05/25  | 09/05/25  |                 |
|                 |                                   |              | Metals ICP-TAL | 6010D  |                 | 09/04/25  | 09/05/25  |                 |
| <b>Q3017-03</b> | <b>TT-077-IDWGW-2025<br/>0903</b> | <b>Water</b> |                |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | Mercury        | 7470A  |                 | 09/05/25  | 09/05/25  |                 |
|                 |                                   |              | Metals ICP-TAL | 6010D  |                 | 09/04/25  | 09/05/25  |                 |
| <b>Q3017-04</b> | <b>TT-078-IDWGW-2025<br/>0903</b> | <b>Water</b> |                |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | Mercury        | 7470A  |                 | 09/05/25  | 09/05/25  |                 |
|                 |                                   |              | Metals ICP-TAL | 6010D  |                 | 09/04/25  | 09/05/25  |                 |
| <b>Q3017-05</b> | <b>TT-079-IDWGW-2025<br/>0903</b> | <b>Water</b> |                |        | <b>09/03/25</b> |           |           | <b>09/04/25</b> |
|                 |                                   |              | Mercury        | 7470A  |                 | 09/05/25  | 09/05/25  |                 |
|                 |                                   |              | Metals ICP-TAL | 6010D  |                 | 09/04/25  | 09/05/25  |                 |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3017 **Order ID:** Q3017  
**Client:** Tetra Tech NUS, Inc. **Project ID:** NWIRP Bethpage 112G08005-WE13

| Sample ID                                | Client ID             | Matrix | Parameter | Concentration | C  | MDL   | LOD  | RDL  | Units |
|------------------------------------------|-----------------------|--------|-----------|---------------|----|-------|------|------|-------|
| <b>Client ID : TT-076-IDWGW-20250903</b> |                       |        |           |               |    |       |      |      |       |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Aluminum  | 23900         | D  | 28.4  | 200  | 250  | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Barium    | 44.3          | JD | 36.4  | 62.5 | 250  | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Calcium   | 9690          | D  | 585   | 1250 | 5000 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Chromium  | 27.0          | D  | 5.30  | 12.5 | 25.0 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Cobalt    | 7.07          | JD | 5.65  | 18.8 | 75.0 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Copper    | 24.3          | JD | 11.5  | 40.0 | 50.0 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Iron      | 11200         | D  | 58.5  | 200  | 250  | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Lead      | 22.4          | JD | 5.75  | 24.0 | 30.0 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Magnesium | 3990          | JD | 610   | 1250 | 5000 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Manganese | 168           | D  | 14.9  | 37.5 | 50.0 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Nickel    | 18.9          | JD | 7.65  | 25.0 | 100  | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Potassium | 61600         | D  | 2300  | 4000 | 5000 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Sodium    | 53600         | D  | 2170  | 2500 | 5000 | ug/L  |
| Q3017-02                                 | TT-076-IDWGW-20250903 | Water  | Vanadium  | 24.2          | JD | 15.7  | 50.0 | 100  | ug/L  |
| <b>Client ID : TT-077-IDWGW-20250903</b> |                       |        |           |               |    |       |      |      |       |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Aluminum  | 34900         | D  | 28.4  | 200  | 250  | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Barium    | 82.5          | JD | 36.4  | 62.5 | 250  | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Beryllium | 2.06          | JD | 1.40  | 3.75 | 15.0 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Calcium   | 12600         | D  | 585   | 1250 | 5000 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Chromium  | 26.2          | D  | 5.30  | 12.5 | 25.0 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Cobalt    | 8.47          | JD | 5.65  | 18.8 | 75.0 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Copper    | 20.0          | JD | 11.5  | 40.0 | 50.0 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Iron      | 21100         | D  | 58.5  | 200  | 250  | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Lead      | 32.5          | D  | 5.75  | 24.0 | 30.0 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Magnesium | 6400          | D  | 610   | 1250 | 5000 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Manganese | 495           | D  | 14.9  | 37.5 | 50.0 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Mercury   | 0.11          | J  | 0.076 | 0.16 | 0.20 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Nickel    | 16.6          | JD | 7.65  | 25.0 | 100  | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Sodium    | 36400         | D  | 2170  | 2500 | 5000 | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Vanadium  | 24.9          | JD | 15.7  | 50.0 | 100  | ug/L  |
| Q3017-03                                 | TT-077-IDWGW-20250903 | Water  | Zinc      | 60.6          | JD | 41.7  | 37.5 | 100  | ug/L  |
| <b>Client ID : TT-078-IDWGW-20250903</b> |                       |        |           |               |    |       |      |      |       |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Aluminum  | 34900         | D  | 28.4  | 200  | 250  | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Barium    | 89.2          | JD | 36.4  | 62.5 | 250  | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Beryllium | 1.92          | JD | 1.40  | 3.75 | 15.0 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Calcium   | 14100         | D  | 585   | 1250 | 5000 | ug/L  |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3017

**Order ID:** Q3017

**Client:** Tetra Tech NUS, Inc.

**Project ID:** NWIRP Bethpage 112G08005-WE13

| Sample ID                                | Client ID             | Matrix | Parameter | Concentration | C  | MDL  | LOD  | RDL  | Units |
|------------------------------------------|-----------------------|--------|-----------|---------------|----|------|------|------|-------|
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Chromium  | 29.8          | D  | 5.30 | 12.5 | 25.0 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Cobalt    | 10.3          | JD | 5.65 | 18.8 | 75.0 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Copper    | 22.6          | JD | 11.5 | 40.0 | 50.0 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Iron      | 15500         | D  | 58.5 | 200  | 250  | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Lead      | 31.7          | D  | 5.75 | 24.0 | 30.0 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Magnesium | 5670          | D  | 610  | 1250 | 5000 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Manganese | 445           | D  | 14.9 | 37.5 | 50.0 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Nickel    | 19.2          | JD | 7.65 | 25.0 | 100  | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Potassium | 3170          | JD | 2300 | 4000 | 5000 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Sodium    | 30600         | D  | 2170 | 2500 | 5000 | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Vanadium  | 32.0          | JD | 15.7 | 50.0 | 100  | ug/L  |
| Q3017-04                                 | TT-078-IDWGW-20250903 | Water  | Zinc      | 60.6          | JD | 41.7 | 37.5 | 100  | ug/L  |
| <b>Client ID : TT-079-IDWGW-20250903</b> |                       |        |           |               |    |      |      |      |       |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Aluminum  | 21700         | D  | 28.4 | 200  | 250  | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Barium    | 167           | JD | 36.4 | 62.5 | 250  | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Calcium   | 9470          | D  | 585  | 1250 | 5000 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Chromium  | 23.2          | JD | 5.30 | 12.5 | 25.0 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Cobalt    | 12.9          | JD | 5.65 | 18.8 | 75.0 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Copper    | 22.9          | JD | 11.5 | 40.0 | 50.0 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Iron      | 9770          | D  | 58.5 | 200  | 250  | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Lead      | 23.8          | JD | 5.75 | 24.0 | 30.0 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Magnesium | 4110          | JD | 610  | 1250 | 5000 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Manganese | 291           | D  | 14.9 | 37.5 | 50.0 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Nickel    | 17.0          | JD | 7.65 | 25.0 | 100  | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Sodium    | 23800         | D  | 2170 | 2500 | 5000 | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Vanadium  | 22.9          | JD | 15.7 | 50.0 | 100  | ug/L  |
| Q3017-05                                 | TT-079-IDWGW-20250903 | Water  | Zinc      | 46.1          | JD | 41.7 | 37.5 | 100  | ug/L  |



# SAMPLE DATA

## 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-076-IDWGW-20250903         | SDG No.:        | Q3017    |
| Lab Sample ID:    | Q3017-02                      | Matrix:         | Water    |
| Level (low/med):  | low                           | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 23900 | D    | 5  | 28.4  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 31.3  | UD   | 5  | 16.9  | 31.3 | 125        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 37.5  | UD   | 5  | 12.8  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 44.3  | JDN  | 5  | 36.4  | 62.5 | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 3.75  | UD   | 5  | 1.40  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.75  | UD   | 5  | 1.25  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 9690  | D    | 5  | 585   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 27.0  | D    | 5  | 5.30  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 7.07  | JD   | 5  | 5.65  | 18.8 | 75.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 24.3  | JD   | 5  | 11.5  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 11200 | D    | 5  | 58.5  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 22.4  | JD   | 5  | 5.75  | 24.0 | 30.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 3990  | JD   | 5  | 610   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 168   | DN   | 5  | 14.9  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.16  | U    | 1  | 0.076 | 0.16 | 0.20       | ug/L  | 09/05/25 09:20 | 09/05/25 15:43 | 7470A    |           |
| 7440-02-0 | Nickel    | 18.9  | JD   | 5  | 7.65  | 25.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 61600 | DN   | 5  | 2300  | 4000 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 40.0  | UD   | 5  | 24.1  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 12.5  | UD   | 5  | 4.05  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 53600 | D    | 5  | 2170  | 2500 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 50.0  | UD   | 5  | 10.9  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 24.2  | JD   | 5  | 15.7  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 37.5  | UDN  | 5  | 41.7  | 37.5 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 12:59 | 6010D    | SW3010    |

|               |             |                 |        |            |
|---------------|-------------|-----------------|--------|------------|
| Color Before: | Brown       | Clarity Before: | Cloudy | Texture:   |
| Color After:  | Light brown | Clarity After:  | Clear  | Artifacts: |
| Comments:     | METALS-TAL  |                 |        |            |

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

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: | 09/03/25 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 09/04/25 |
| Client Sample ID: | TT-077-IDWGW-20250903         | SDG No.:        | Q3017    |
| Lab Sample ID:    | Q3017-03                      | Matrix:         | Water    |
| Level (low/med):  | low                           | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 34900 | D    | 5  | 28.4  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 31.3  | UD   | 5  | 16.9  | 31.3 | 125        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 37.5  | UD   | 5  | 12.8  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 82.5  | JDN  | 5  | 36.4  | 62.5 | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 2.06  | JD   | 5  | 1.40  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.75  | UD   | 5  | 1.25  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 12600 | D    | 5  | 585   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 26.2  | D    | 5  | 5.30  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 8.47  | JD   | 5  | 5.65  | 18.8 | 75.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 20.0  | JD   | 5  | 11.5  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 21100 | D    | 5  | 58.5  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 32.5  | D    | 5  | 5.75  | 24.0 | 30.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 6400  | D    | 5  | 610   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 495   | DN   | 5  | 14.9  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.11  | J    | 1  | 0.076 | 0.16 | 0.20       | ug/L  | 09/05/25 09:20 | 09/05/25 15:46 | 7470A    |           |
| 7440-02-0 | Nickel    | 16.6  | JD   | 5  | 7.65  | 25.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 4000  | UDN5 |    | 2300  | 4000 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 40.0  | UD   | 5  | 24.1  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 12.5  | UD   | 5  | 4.05  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 36400 | D    | 5  | 2170  | 2500 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 50.0  | UD   | 5  | 10.9  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 24.9  | JD   | 5  | 15.7  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 60.6  | JDN  | 5  | 41.7  | 37.5 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:03 | 6010D    | SW3010    |

|               |             |                 |        |            |
|---------------|-------------|-----------------|--------|------------|
| Color Before: | Brown       | Clarity Before: | Cloudy | Texture:   |
| Color After:  | Light brown | Clarity After:  | Clear  | Artifacts: |
| Comments:     | METALS-TAL  |                 |        |            |

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

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: | 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    |
| Level (low/med):  | low                           | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 34900 | D    | 5  | 28.4  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 31.3  | UD   | 5  | 16.9  | 31.3 | 125        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 37.5  | UD   | 5  | 12.8  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 89.2  | JDN  | 5  | 36.4  | 62.5 | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 1.92  | JD   | 5  | 1.40  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.75  | UD   | 5  | 1.25  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 14100 | D    | 5  | 585   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 29.8  | D    | 5  | 5.30  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 10.3  | JD   | 5  | 5.65  | 18.8 | 75.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 22.6  | JD   | 5  | 11.5  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 15500 | D    | 5  | 58.5  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 31.7  | D    | 5  | 5.75  | 24.0 | 30.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 5670  | D    | 5  | 610   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 445   | DN   | 5  | 14.9  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.16  | U    | 1  | 0.076 | 0.16 | 0.20       | ug/L  | 09/05/25 09:20 | 09/05/25 15:48 | 7470A    |           |
| 7440-02-0 | Nickel    | 19.2  | JD   | 5  | 7.65  | 25.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 3170  | JDN  | 5  | 2300  | 4000 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 40.0  | UD   | 5  | 24.1  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 12.5  | UD   | 5  | 4.05  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 30600 | D    | 5  | 2170  | 2500 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 50.0  | UD   | 5  | 10.9  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 32.0  | JD   | 5  | 15.7  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 60.6  | JDN  | 5  | 41.7  | 37.5 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:07 | 6010D    | SW3010    |

|               |             |                 |        |            |
|---------------|-------------|-----------------|--------|------------|
| Color Before: | Brown       | Clarity Before: | Cloudy | Texture:   |
| Color After:  | Light brown | Clarity After:  | Clear  | Artifacts: |
| Comments:     | METALS-TAL  |                 |        |            |

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

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: | 09/03/25 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 09/04/25 |
| Client Sample ID: | TT-079-IDWGW-20250903         | SDG No.:        | Q3017    |
| Lab Sample ID:    | Q3017-05                      | Matrix:         | Water    |
| Level (low/med):  | low                           | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOD  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 21700 | D    | 5  | 28.4  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-36-0 | Antimony  | 31.3  | UD   | 5  | 16.9  | 31.3 | 125        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-38-2 | Arsenic   | 37.5  | UD   | 5  | 12.8  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-39-3 | Barium    | 167   | JDN  | 5  | 36.4  | 62.5 | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-41-7 | Beryllium | 3.75  | UD   | 5  | 1.40  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-43-9 | Cadmium   | 3.75  | UD   | 5  | 1.25  | 3.75 | 15.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-70-2 | Calcium   | 9470  | D    | 5  | 585   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-47-3 | Chromium  | 23.2  | JD   | 5  | 5.30  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-48-4 | Cobalt    | 12.9  | JD   | 5  | 5.65  | 18.8 | 75.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-50-8 | Copper    | 22.9  | JD   | 5  | 11.5  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7439-89-6 | Iron      | 9770  | D    | 5  | 58.5  | 200  | 250        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7439-92-1 | Lead      | 23.8  | JD   | 5  | 5.75  | 24.0 | 30.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7439-95-4 | Magnesium | 4110  | JD   | 5  | 610   | 1250 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7439-96-5 | Manganese | 291   | DN   | 5  | 14.9  | 37.5 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7439-97-6 | Mercury   | 0.16  | U    | 1  | 0.076 | 0.16 | 0.20       | ug/L  | 09/05/25 09:20 | 09/05/25 15:50 | 7470A    |           |
| 7440-02-0 | Nickel    | 17.0  | JD   | 5  | 7.65  | 25.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-09-7 | Potassium | 4000  | UDN  | 5  | 2300  | 4000 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7782-49-2 | Selenium  | 40.0  | UD   | 5  | 24.1  | 40.0 | 50.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-22-4 | Silver    | 12.5  | UD   | 5  | 4.05  | 12.5 | 25.0       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-23-5 | Sodium    | 23800 | D    | 5  | 2170  | 2500 | 5000       | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-28-0 | Thallium  | 50.0  | UD   | 5  | 10.9  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-62-2 | Vanadium  | 22.9  | JD   | 5  | 15.7  | 50.0 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |
| 7440-66-6 | Zinc      | 46.1  | JDN  | 5  | 41.7  | 37.5 | 100        | ug/L  | 09/04/25 12:05 | 09/05/25 13:11 | 6010D    | SW3010    |

|               |             |                 |        |            |
|---------------|-------------|-----------------|--------|------------|
| Color Before: | Brown       | Clarity Before: | Cloudy | Texture:   |
| Color After:  | Light brown | Clarity After:  | Clear  | Artifacts: |
| Comments:     | METALS-TAL  |                 |        |            |

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

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



# METAL CALIBRATION DATA

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV21     | Mercury | 3.82           | 4.0        | 95            | 90 - 110                  | CV | 09/05/2025       | 15:20            | 1b137094      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV60     | Mercury | 4.97           | 5.0        | 99            | 90 - 110                  | CV | 09/05/2025       | 15:25            | 1b137094      |
| CCV61     | Mercury | 5.04           | 5.0        | 101           | 90 - 110                  | CV | 09/05/2025       | 15:55            | 1b137094      |
| CCV62     | Mercury | 4.97           | 5.0        | 99            | 90 - 110                  | CV | 09/05/2025       | 16:25            | 1b137094      |
| CCV63     | Mercury | 5.07           | 5.0        | 102           | 90 - 110                  | CV | 09/05/2025       | 16:41            | 1b137094      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.

SDG No.: Q3017

Contract: TETR06

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7890           | 8000       | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Antimony  | 4070           | 4000       | 102           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Arsenic   | 3960           | 4000       | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Barium    | 7880           | 8000       | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Beryllium | 202            | 200        | 101           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Cadmium   | 1960           | 2000       | 98            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Calcium   | 19700          | 20000      | 98            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Chromium  | 809            | 800        | 101           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Cobalt    | 1970           | 2000       | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Copper    | 1010           | 1000       | 101           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Iron      | 3950           | 4000       | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Lead      | 3880           | 4000       | 97            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Magnesium | 19700          | 20000      | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Manganese | 1970           | 2000       | 98            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Nickel    | 1980           | 2000       | 99            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Potassium | 19500          | 20000      | 97            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Selenium  | 4000           | 4000       | 100           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Silver    | 1010           | 1000       | 101           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Sodium    | 19200          | 20000      | 96            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Thallium  | 3830           | 4000       | 96            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Vanadium  | 1970           | 2000       | 98            | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |
|           | Zinc      | 1990           | 2000       | 100           | 90 - 110                  | P | 09/05/2025       | 11:44            | LB137103      |

## Metals

- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.

SDG No.: Q3017

Contract: TETR06

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 111            | 100        | 111           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Antimony  | 52.2           | 50.0       | 104           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Arsenic   | 19.4           | 20.0       | 97            | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Barium    | 102            | 100        | 102           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Beryllium | 6.33           | 6.0        | 106           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Cadmium   | 6.02           | 6.0        | 100           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Calcium   | 2070           | 2000       | 104           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Chromium  | 9.77           | 10.0       | 98            | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Cobalt    | 30.0           | 30.0       | 100           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Copper    | 21.7           | 20.0       | 108           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Iron      | 105            | 100        | 105           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Lead      | 10.9           | 12.0       | 91            | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Magnesium | 2200           | 2000       | 110           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Manganese | 22.4           | 20.0       | 112           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Nickel    | 40.9           | 40.0       | 102           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Potassium | 1980           | 2000       | 99            | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Selenium  | 22.8           | 20.0       | 114           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Silver    | 10.3           | 10.0       | 103           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Sodium    | 1990           | 2000       | 100           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Thallium  | 42.2           | 40.0       | 106           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Vanadium  | 36.7           | 40.0       | 92            | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |
|           | Zinc      | 42.3           | 40.0       | 106           | 80 - 120                  | P | 09/05/2025       | 11:48            | LB137103      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.  
Contract: TETR06  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3017  
Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum  | 9910           | 10000      | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Antimony  | 4990           | 5000       | 100           | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Arsenic   | 4950           | 5000       | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Barium    | 9940           | 10000      | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Beryllium | 250            | 250        | 100           | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Cadmium   | 2450           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Calcium   | 24700          | 25000      | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Chromium  | 994            | 1000       | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Cobalt    | 2450           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Copper    | 1240           | 1250       | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Iron      | 4930           | 5000       | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Lead      | 4880           | 5000       | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Magnesium | 24400          | 25000      | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Manganese | 2460           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Nickel    | 2450           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Potassium | 24400          | 25000      | 98            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Selenium  | 4950           | 5000       | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Silver    | 1240           | 1250       | 100           | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Sodium    | 24200          | 25000      | 97            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Thallium  | 4760           | 5000       | 95            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Vanadium  | 2480           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
|           | Zinc      | 2490           | 2500       | 100           | 90 - 110                  | P | 09/05/2025       | 12:28            | LB137103      |
| CCV02     | Aluminum  | 9830           | 10000      | 98            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Antimony  | 5090           | 5000       | 102           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Arsenic   | 5070           | 5000       | 101           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Barium    | 9800           | 10000      | 98            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Beryllium | 241            | 250        | 96            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Cadmium   | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Calcium   | 24500          | 25000      | 98            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Chromium  | 989            | 1000       | 99            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Cobalt    | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Iron      | 5030           | 5000       | 101           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Lead      | 4900           | 5000       | 98            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Tetra Tech NUS, Inc.  
**Contract:** TETR06  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3017  
**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 24200          | 25000      | 97            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Manganese | 2440           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Nickel    | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Potassium | 25000          | 25000      | 100           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Selenium  | 5120           | 5000       | 102           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Sodium    | 24700          | 25000      | 99            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Thallium  | 5410           | 5000       | 108           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Vanadium  | 2460           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
|           | Zinc      | 2510           | 2500       | 100           | 90 - 110                  | P | 09/05/2025       | 13:20            | LB137103      |
| CCV03     | Aluminum  | 9840           | 10000      | 98            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Antimony  | 5090           | 5000       | 102           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Arsenic   | 5090           | 5000       | 102           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Barium    | 9960           | 10000      | 100           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Beryllium | 240            | 250        | 96            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Cadmium   | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Calcium   | 24500          | 25000      | 98            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Chromium  | 988            | 1000       | 99            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Cobalt    | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Copper    | 1260           | 1250       | 101           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Iron      | 5100           | 5000       | 102           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Lead      | 4900           | 5000       | 98            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Magnesium | 24400          | 25000      | 98            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Manganese | 2450           | 2500       | 98            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Nickel    | 2480           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Potassium | 25300          | 25000      | 101           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Selenium  | 5160           | 5000       | 103           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Sodium    | 25500          | 25000      | 102           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Thallium  | 5140           | 5000       | 103           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
| CCV04     | Vanadium  | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Zinc      | 2520           | 2500       | 101           | 90 - 110                  | P | 09/05/2025       | 14:29            | LB137103      |
|           | Aluminum  | 9610           | 10000      | 96            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Antimony  | 5060           | 5000       | 101           | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Tetra Tech NUS, Inc.  
**Contract:** TETR06  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

**SDG No.:** Q3017  
**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4970           | 5000       | 99            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Barium    | 9750           | 10000      | 98            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Beryllium | 227            | 250        | 91            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Cadmium   | 2360           | 2500       | 94            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Calcium   | 23700          | 25000      | 95            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Chromium  | 965            | 1000       | 96            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Cobalt    | 2380           | 2500       | 95            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Copper    | 1220           | 1250       | 98            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Iron      | 5150           | 5000       | 103           | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Lead      | 4720           | 5000       | 94            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Magnesium | 23400          | 25000      | 94            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Manganese | 2370           | 2500       | 95            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Nickel    | 2380           | 2500       | 95            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Potassium | 25300          | 25000      | 101           | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Selenium  | 5050           | 5000       | 101           | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Sodium    | 25300          | 25000      | 101           | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Thallium  | 4960           | 5000       | 99            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Vanadium  | 2420           | 2500       | 97            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
|           | Zinc      | 2480           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 15:36            | LB137103      |
| CCV05     | Aluminum  | 9650           | 10000      | 96            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Antimony  | 5070           | 5000       | 101           | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Arsenic   | 4990           | 5000       | 100           | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Barium    | 9650           | 10000      | 96            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Beryllium | 230            | 250        | 92            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Cadmium   | 2360           | 2500       | 94            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Calcium   | 23600          | 25000      | 95            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Chromium  | 964            | 1000       | 96            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Cobalt    | 2380           | 2500       | 95            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Copper    | 1230           | 1250       | 98            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Iron      | 5120           | 5000       | 102           | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Lead      | 4710           | 5000       | 94            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Magnesium | 23400          | 25000      | 94            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Manganese | 2360           | 2500       | 94            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tetra Tech NUS, Inc.

SDG No.: Q3017

Contract: TETR06

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte   | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Nickel    | 2390           | 2500       | 96            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Potassium | 24700          | 25000      | 99            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Selenium  | 5060           | 5000       | 101           | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Sodium    | 24300          | 25000      | 97            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Thallium  | 4910           | 5000       | 98            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Vanadium  | 2410           | 2500       | 96            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |
|           | Zinc      | 2470           | 2500       | 99            | 90 - 110                  | P | 09/05/2025       | 16:06            | LB137103      |

**Metals**

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**CRDL STANDARD FOR AA & ICP**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Initial Calibration Source:** \_\_\_\_\_

**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID    | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|-----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRI01</b> | Aluminum  | 109            | 100                | 109           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Antimony  | 52.2           | 50.0               | 104           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Arsenic   | 19.5           | 20.0               | 98            | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Barium    | 99.4           | 100                | 99            | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Beryllium | 6.32           | 6.0                | 105           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Cadmium   | 6.07           | 6.0                | 101           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Calcium   | 2070           | 2000               | 104           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Chromium  | 10.3           | 10.0               | 103           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Cobalt    | 30.2           | 30.0               | 101           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Copper    | 21.8           | 20.0               | 109           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Iron      | 99.2           | 100                | 99            | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Lead      | 12.3           | 12.0               | 102           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Magnesium | 2190           | 2000               | 110           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Manganese | 22.2           | 20.0               | 111           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Nickel    | 40.8           | 40.0               | 102           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Potassium | 1870           | 2000               | 94            | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Selenium  | 19.4           | 20.0               | 97            | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Silver    | 10.6           | 10.0               | 106           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Sodium    | 1870           | 2000               | 94            | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Thallium  | 41.8           | 40.0               | 104           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Vanadium  | 40.0           | 40.0               | 100           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
|              | Zinc      | 42.3           | 40.0               | 106           | 65 - 135                  | P  | 09/05/2025       | 11:59            | LB137103      |
| <b>CRA</b>   | Mercury   | 0.23           | 0.2                | 114           | 70 - 130                  | CV | 09/05/2025       | 15:29            | lb137094      |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Metals**

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**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

|                  |                             |                  |              |
|------------------|-----------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Tetra Tech NUS, Inc.</u> | <b>SDG No.:</b>  | <u>Q3017</u> |
| <b>Contract:</b> | <u>TETR06</u>               | <b>Lab Code:</b> | <u>ACE</u>   |

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | LOD  | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|------|----|------------------|------------------|---------------|
| ICB21     | Mercury | 0.076          | +/-0.2              | U            | 0.16 | 0.20 | CV | 09/05/2025       | 15:23            | lb137094      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Tetra Tech NUS, Inc. **SDG No.:** Q3017  
**Contract:** TETR06 **Lab Code:** ACE

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | LOD  | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|------|----|------------------|------------------|---------------|
| CCB60     | Mercury | 0.076          | +/-0.2              | U            | 0.16 | 0.20 | CV | 09/05/2025       | 15:27            | lb137094      |
| CCB61     | Mercury | 0.076          | +/-0.2              | U            | 0.16 | 0.20 | CV | 09/05/2025       | 15:57            | lb137094      |
| CCB62     | Mercury | 0.076          | +/-0.2              | U            | 0.16 | 0.20 | CV | 09/05/2025       | 16:27            | lb137094      |
| CCB63     | Mercury | 0.076          | +/-0.2              | U            | 0.16 | 0.20 | CV | 09/05/2025       | 16:43            | lb137094      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | LOD  | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum  | 11.3           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 11:54            | LB137103      |
|           | Antimony  | 6.76           | +/-25               | U            | 12.5 | 50.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Arsenic   | 5.12           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Barium    | 14.6           | +/-50               | U            | 25.0 | 100  | P | 09/05/2025       | 11:54            | LB137103      |
|           | Beryllium | 0.56           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Cadmium   | 0.50           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Calcium   | 234            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Chromium  | 2.12           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Cobalt    | 2.26           | +/-15               | U            | 7.50 | 30.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Copper    | 4.60           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Iron      | 23.4           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 11:54            | LB137103      |
|           | Lead      | 2.30           | +/-6                | U            | 9.60 | 12.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Magnesium | 244            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Manganese | 5.94           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Nickel    | 3.06           | +/-20               | U            | 10.0 | 40.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Potassium | 918            | +/-1000             | U            | 1600 | 2000 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Selenium  | 9.64           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Silver    | 1.62           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Sodium    | 868            | +/-1000             | U            | 1000 | 2000 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Thallium  | 4.38           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Vanadium  | 6.26           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 11:54            | LB137103      |
|           | Zinc      | 16.7           | +/-20               | U            | 15.0 | 40.0 | P | 09/05/2025       | 11:54            | LB137103      |

## Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q3017

Contract: TETR06

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | LOD  | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|------|---|------------------|------------------|---------------|
| CCB01     | Aluminum  | 11.3           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 12:32            | LB137103      |
|           | Antimony  | 6.76           | +/-25               | U            | 12.5 | 50.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Arsenic   | 5.12           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Barium    | 14.6           | +/-50               | U            | 25.0 | 100  | P | 09/05/2025       | 12:32            | LB137103      |
|           | Beryllium | 0.56           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Cadmium   | 0.50           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Calcium   | 234            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Chromium  | 2.12           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Cobalt    | 2.26           | +/-15               | U            | 7.50 | 30.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Copper    | 4.60           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Iron      | 23.4           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 12:32            | LB137103      |
|           | Lead      | 2.30           | +/-6                | U            | 9.60 | 12.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Magnesium | 244            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Manganese | 5.94           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Nickel    | 3.06           | +/-20               | U            | 10.0 | 40.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Potassium | 918            | +/-1000             | U            | 1600 | 2000 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Selenium  | 9.64           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Silver    | 1.62           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Sodium    | 868            | +/-1000             | U            | 1000 | 2000 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Thallium  | 4.38           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Vanadium  | 6.26           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 12:32            | LB137103      |
| CCB02     | Zinc      | 18.9           | +/-20               | J            | 15.0 | 40.0 | P | 09/05/2025       | 12:32            | LB137103      |
|           | Aluminum  | 11.3           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 13:24            | LB137103      |
|           | Antimony  | 6.76           | +/-25               | U            | 12.5 | 50.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Arsenic   | 5.12           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Barium    | 14.6           | +/-50               | U            | 25.0 | 100  | P | 09/05/2025       | 13:24            | LB137103      |
|           | Beryllium | 0.56           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Cadmium   | 0.50           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Calcium   | 234            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Chromium  | 2.12           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Cobalt    | 2.26           | +/-15               | U            | 7.50 | 30.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Copper    | 4.60           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Iron      | 23.4           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 13:24            | LB137103      |
|           | Lead      | 2.30           | +/-6                | U            | 9.60 | 12.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Magnesium | 244            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Manganese | 5.94           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Nickel    | 3.06           | +/-20               | U            | 10.0 | 40.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Potassium | 918            | +/-1000             | U            | 1600 | 2000 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Selenium  | 9.64           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 13:24            | LB137103      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tetra Tech NUS, Inc.

SDG No.: Q3017

Contract: TETR06

Lab Code: ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | LOD  | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|------|---|------------------|------------------|---------------|
| CCB02     | Silver    | 1.62           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Sodium    | 868            | +/-1000             | U            | 1000 | 2000 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Thallium  | 4.38           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Vanadium  | 6.26           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 13:24            | LB137103      |
|           | Zinc      | 16.7           | +/-20               | U            | 15.0 | 40.0 | P | 09/05/2025       | 13:24            | LB137103      |
| CCB03     | Aluminum  | 11.3           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 14:33            | LB137103      |
|           | Antimony  | 6.76           | +/-25               | U            | 12.5 | 50.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Arsenic   | 5.12           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Barium    | 14.6           | +/-50               | U            | 25.0 | 100  | P | 09/05/2025       | 14:33            | LB137103      |
|           | Beryllium | 0.56           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Cadmium   | 0.50           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Calcium   | 234            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Chromium  | 2.12           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Cobalt    | 2.26           | +/-15               | U            | 7.50 | 30.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Copper    | 4.60           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Iron      | 23.4           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 14:33            | LB137103      |
|           | Lead      | 2.30           | +/-6                | U            | 9.60 | 12.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Magnesium | 244            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Manganese | 5.94           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Nickel    | 3.06           | +/-20               | U            | 10.0 | 40.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Potassium | 918            | +/-1000             | U            | 1600 | 2000 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Selenium  | 9.64           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Silver    | 1.62           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Sodium    | 868            | +/-1000             | U            | 1000 | 2000 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Thallium  | 4.38           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Vanadium  | 6.26           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 14:33            | LB137103      |
|           | Zinc      | 16.7           | +/-20               | U            | 15.0 | 40.0 | P | 09/05/2025       | 14:33            | LB137103      |
| CCB04     | Aluminum  | 16.5           | +/-50               | J            | 80.0 | 100  | P | 09/05/2025       | 15:40            | LB137103      |
|           | Antimony  | 6.76           | +/-25               | U            | 12.5 | 50.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Arsenic   | 5.12           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Barium    | 14.6           | +/-50               | U            | 25.0 | 100  | P | 09/05/2025       | 15:40            | LB137103      |
|           | Beryllium | 0.56           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Cadmium   | 0.50           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Calcium   | 234            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Chromium  | 2.12           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Cobalt    | 2.26           | +/-15               | U            | 7.50 | 30.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Copper    | 4.60           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Iron      | 23.4           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 15:40            | LB137103      |
|           | Lead      | 2.30           | +/-6                | U            | 9.60 | 12.0 | P | 09/05/2025       | 15:40            | LB137103      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | LOD  | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Manganese | 5.94           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Nickel    | 3.06           | +/-20               | U            | 10.0 | 40.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Potassium | 918            | +/-1000             | U            | 1600 | 2000 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Selenium  | 9.64           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Silver    | 1.62           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Sodium    | 868            | +/-1000             | U            | 1000 | 2000 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Thallium  | 4.38           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Vanadium  | 6.26           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 15:40            | LB137103      |
|           | Zinc      | 16.7           | +/-20               | U            | 15.0 | 40.0 | P | 09/05/2025       | 15:40            | LB137103      |
| CCB05     | Aluminum  | 11.3           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 16:15            | LB137103      |
|           | Antimony  | 6.76           | +/-25               | U            | 12.5 | 50.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Arsenic   | 5.12           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Barium    | 14.6           | +/-50               | U            | 25.0 | 100  | P | 09/05/2025       | 16:15            | LB137103      |
|           | Beryllium | 0.56           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Cadmium   | 0.50           | +/-3                | U            | 1.50 | 6.00 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Calcium   | 234            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Chromium  | 2.12           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Cobalt    | 2.26           | +/-15               | U            | 7.50 | 30.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Copper    | 4.60           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Iron      | 23.4           | +/-50               | U            | 80.0 | 100  | P | 09/05/2025       | 16:15            | LB137103      |
|           | Lead      | 2.30           | +/-6                | U            | 9.60 | 12.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Magnesium | 244            | +/-1000             | U            | 500  | 2000 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Manganese | 5.94           | +/-10               | U            | 15.0 | 20.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Nickel    | 3.06           | +/-20               | U            | 10.0 | 40.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Potassium | 918            | +/-1000             | U            | 1600 | 2000 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Selenium  | 9.64           | +/-10               | U            | 16.0 | 20.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Silver    | 1.62           | +/-5                | U            | 5.00 | 10.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Sodium    | 868            | +/-1000             | U            | 1000 | 2000 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Thallium  | 4.38           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Vanadium  | 6.26           | +/-20               | U            | 20.0 | 40.0 | P | 09/05/2025       | 16:15            | LB137103      |
|           | Zinc      | 16.7           | +/-20               | U            | 15.0 | 40.0 | P | 09/05/2025       | 16:15            | LB137103      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | LOD<br>ug/L | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB169582BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> |             | <b>PB169582</b> |    | <b>Prep Date:</b> | <b>09/05/2025</b> |          |
|                   | Mercury | 0.076            | <0.2                | U                    | 0.16        | 0.20            | CV | 09/05/2025        | 15:39             | lb137094 |

A

B

C

D

E

F

G

H

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | LOD<br>ug/L | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|------------------|---------------------|----------------------|-------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB169555BL</b> | <b>WATER</b> |                  |                     | <b>Batch Number:</b> |             | <b>PB169555</b> |   | <b>Prep Date:</b> | <b>09/04/2025</b> |          |
|                   | Aluminum     | 5.67             | <25                 | U                    | 40.0        | 50.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Antimony     | 3.38             | <12.5               | U                    | 6.25        | 25.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Arsenic      | 2.56             | <5                  | U                    | 7.50        | 10.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Barium       | 7.28             | <25                 | U                    | 12.5        | 50.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Beryllium    | 0.28             | <1.5                | U                    | 0.75        | 3.00            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Cadmium      | 0.25             | <1.5                | U                    | 0.75        | 3.00            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Calcium      | 117              | <500                | U                    | 250         | 1000            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Chromium     | 1.06             | <2.5                | U                    | 2.50        | 5.00            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Cobalt       | 1.13             | <7.5                | U                    | 3.75        | 15.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Copper       | 2.30             | <5                  | U                    | 8.00        | 10.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Iron         | 11.7             | <25                 | U                    | 40.0        | 50.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Lead         | 1.15             | <3                  | U                    | 4.80        | 6.00            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Magnesium    | 122              | <500                | U                    | 250         | 1000            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Manganese    | 2.97             | <5                  | U                    | 7.50        | 10.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Nickel       | 1.53             | <10                 | U                    | 5.00        | 20.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Potassium    | 459              | <500                | U                    | 800         | 1000            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Selenium     | 4.82             | <5                  | U                    | 8.00        | 10.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Silver       | 0.81             | <2.5                | U                    | 2.50        | 5.00            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Sodium       | 434              | <500                | U                    | 500         | 1000            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Thallium     | 2.19             | <10                 | U                    | 10.0        | 20.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Vanadium     | 3.13             | <10                 | U                    | 10.0        | 20.0            | P | 09/05/2025        | 12:50             | LB137103 |
|                   | Zinc         | 8.33             | <10                 | U                    | 7.50        | 20.0            | P | 09/05/2025        | 12:50             | LB137103 |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| <b>Client:</b> <u>Tetra Tech NUS, Inc.</u> | <b>SDG No.:</b> <u>Q3017</u>    |
| <b>Contract:</b> <u>TETR06</u>             | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>              | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte   | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSA01    | Aluminum  | 248000         | 255000             | 97            | 216000                 | 294000                  | 09/05/2025       | 12:05            | LB137103      |
|           | Antimony  | -0.24          |                    |               | -50                    | 50                      | 09/05/2025       | 12:05            | LB137103      |
|           | Arsenic   | -1.25          |                    |               | -20                    | 20                      | 09/05/2025       | 12:05            | LB137103      |
|           | Barium    | 1.09           | 6.0                | 18            | -94                    | 106                     | 09/05/2025       | 12:05            | LB137103      |
|           | Beryllium | 1.54           |                    |               | -6                     | 6                       | 09/05/2025       | 12:05            | LB137103      |
|           | Cadmium   | 1.16           | 1.0                | 116           | -5                     | 7                       | 09/05/2025       | 12:05            | LB137103      |
|           | Calcium   | 236000         | 245000             | 96            | 208000                 | 282000                  | 09/05/2025       | 12:05            | LB137103      |
|           | Chromium  | 54.9           | 52.0               | 106           | 42                     | 62                      | 09/05/2025       | 12:05            | LB137103      |
|           | Cobalt    | 2.02           |                    |               | -30                    | 30                      | 09/05/2025       | 12:05            | LB137103      |
|           | Copper    | 12.2           | 2.0                | 610           | -18                    | 22                      | 09/05/2025       | 12:05            | LB137103      |
|           | Iron      | 100000         | 101000             | 99            | 85600                  | 116500                  | 09/05/2025       | 12:05            | LB137103      |
|           | Lead      | 3.51           |                    |               | -12                    | 12                      | 09/05/2025       | 12:05            | LB137103      |
|           | Magnesium | 251000         | 255000             | 98            | 216000                 | 294000                  | 09/05/2025       | 12:05            | LB137103      |
|           | Manganese | 9.12           | 7.0                | 130           | -13                    | 27                      | 09/05/2025       | 12:05            | LB137103      |
|           | Nickel    | 7.09           | 2.0                | 354           | -38                    | 42                      | 09/05/2025       | 12:05            | LB137103      |
|           | Potassium | 211            |                    |               | 0                      | 0                       | 09/05/2025       | 12:05            | LB137103      |
|           | Selenium  | -1.22          |                    |               | -20                    | 20                      | 09/05/2025       | 12:05            | LB137103      |
|           | Silver    | 1.98           |                    |               | -10                    | 10                      | 09/05/2025       | 12:05            | LB137103      |
|           | Sodium    | 130            |                    |               | 0                      | 0                       | 09/05/2025       | 12:05            | LB137103      |
|           | Thallium  | -4.42          |                    |               | -40                    | 40                      | 09/05/2025       | 12:05            | LB137103      |
|           | Vanadium  | 1.68           |                    |               | -40                    | 40                      | 09/05/2025       | 12:05            | LB137103      |
|           | Zinc      | 4.22           |                    |               | -40                    | 40                      | 09/05/2025       | 12:05            | LB137103      |
| ICSAB01   | Aluminum  | 249000         | 247000             | 101           | 209000                 | 285000                  | 09/05/2025       | 12:09            | LB137103      |
|           | Antimony  | 629            | 618                | 102           | 525                    | 711                     | 09/05/2025       | 12:09            | LB137103      |
|           | Arsenic   | 105            | 104                | 101           | 88.4                   | 120                     | 09/05/2025       | 12:09            | LB137103      |
|           | Barium    | 491            | 537                | 91            | 437                    | 637                     | 09/05/2025       | 12:09            | LB137103      |
|           | Beryllium | 543            | 495                | 110           | 420                    | 570                     | 09/05/2025       | 12:09            | LB137103      |
|           | Cadmium   | 1010           | 972                | 104           | 826                    | 1120                    | 09/05/2025       | 12:09            | LB137103      |
|           | Calcium   | 235000         | 235000             | 100           | 199000                 | 271000                  | 09/05/2025       | 12:09            | LB137103      |
|           | Chromium  | 583            | 542                | 108           | 460                    | 624                     | 09/05/2025       | 12:09            | LB137103      |
|           | Cobalt    | 509            | 476                | 107           | 404                    | 548                     | 09/05/2025       | 12:09            | LB137103      |
|           | Copper    | 515            | 511                | 101           | 434                    | 588                     | 09/05/2025       | 12:09            | LB137103      |
|           | Iron      | 95800          | 99300              | 96            | 84400                  | 114500                  | 09/05/2025       | 12:09            | LB137103      |
|           | Lead      | 50.2           | 49.0               | 102           | 37                     | 61                      | 09/05/2025       | 12:09            | LB137103      |
|           | Magnesium | 251000         | 248000             | 101           | 210000                 | 286000                  | 09/05/2025       | 12:09            | LB137103      |
|           | Manganese | 496            | 507                | 98            | 430                    | 584                     | 09/05/2025       | 12:09            | LB137103      |
|           | Nickel    | 1020           | 954                | 107           | 810                    | 1100                    | 09/05/2025       | 12:09            | LB137103      |
|           | Potassium | -136           |                    |               | 0                      | 0                       | 09/05/2025       | 12:09            | LB137103      |
|           | Selenium  | 50.5           | 46.0               | 110           | 26                     | 66                      | 09/05/2025       | 12:09            | LB137103      |
|           | Silver    | 224            | 201                | 111           | 170                    | 232                     | 09/05/2025       | 12:09            | LB137103      |
|           | Sodium    | 195            |                    |               | 0                      | 0                       | 09/05/2025       | 12:09            | LB137103      |
|           | Thallium  | 111            | 108                | 103           | 68                     | 148                     | 09/05/2025       | 12:09            | LB137103      |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| <b>Client:</b> <u>Tetra Tech NUS, Inc.</u> | <b>SDG No.:</b> <u>Q3017</u>    |
| <b>Contract:</b> <u>TETR06</u>             | <b>Lab Code:</b> <u>ACE</u>     |
| <b>ICS Source:</b> <u>EPA</u>              | <b>Instrument ID:</b> <u>P4</u> |

| Sample ID | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Vanadium | 487            | 491                | 99            | 417                    | 565                     | 09/05/2025       | 12:09            | LB137103      |
|           | Zinc     | 1080           | 952                | 113           | 809                    | 1095                    | 09/05/2025       | 12:09            | LB137103      |



# METAL QC DATA

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

**client:** Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q3017  
**contract:** TETR06 **lab code:** ACE  
**matrix:** Water **sample id:** Q3017-05 **client id:** TT-079-IDWGW-20250903MS  
**Percent Solids for Sample:** NA **Spiked ID:** Q3017-05MS **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C  | Sample<br>Result | C  | Spike<br>Added | %<br>Recovery | Qual | M  |
|-----------|-------|------------------------|------------------|----|------------------|----|----------------|---------------|------|----|
| Aluminum  | ug/L  | 86 - 115               | 14600            | D  | 21700            | D  | 1000           | -710          |      | P  |
| Antimony  | ug/L  | 88 - 113               | 398              | D  | 125              | UD | 400            | 100           |      | P  |
| Arsenic   | ug/L  | 87 - 113               | 385              | D  | 50.0             | UD | 400            | 96            |      | P  |
| Barium    | ug/L  | 88 - 113               | 244              | JD | 167              | JD | 100            | 77            | N    | P  |
| Beryllium | ug/L  | 89 - 112               | 94.4             | D  | 15.0             | UD | 100            | 93            |      | P  |
| Cadmium   | ug/L  | 88 - 113               | 95.3             | D  | 15.0             | UD | 100            | 95            |      | P  |
| Calcium   | ug/L  | 87 - 113               | 9170             | D  | 9470             | D  | 500            | -61           |      | P  |
| Chromium  | ug/L  | 90 - 113               | 214              | D  | 23.2             | JD | 200            | 96            |      | P  |
| Cobalt    | ug/L  | 89 - 114               | 109              | D  | 12.9             | JD | 100            | 96            |      | P  |
| Copper    | ug/L  | 86 - 114               | 173              | D  | 22.9             | JD | 150            | 100           |      | P  |
| Iron      | ug/L  | 87 - 115               | 9320             | D  | 9770             | D  | 1500           | -30           |      | P  |
| Lead      | ug/L  | 86 - 113               | 485              | D  | 23.8             | JD | 500            | 92            |      | P  |
| Magnesium | ug/L  | 85 - 113               | 4390             | JD | 4110             | JD | 1000           | 28            |      | P  |
| Manganese | ug/L  | 90 - 114               | 363              | D  | 291              | D  | 100            | 72            | N    | P  |
| Mercury   | ug/L  | 82 - 119               | 3.73             |    | 0.20             | U  | 4.0            | 93            |      | CV |
| Nickel    | ug/L  | 88 - 113               | 256              | D  | 17.0             | JD | 250            | 96            |      | P  |
| Potassium | ug/L  | 86 - 114               | 6290             | D  | 5000             | UD | 5000           | 83            | N    | P  |
| Selenium  | ug/L  | 83 - 114               | 963              | D  | 50.0             | UD | 1000           | 96            |      | P  |
| Silver    | ug/L  | 84 - 115               | 36.2             | D  | 25.0             | UD | 37.5           | 95            |      | P  |
| Sodium    | ug/L  | 87 - 115               | 23000            | D  | 23800            | D  | 1500           | -52           |      | P  |
| Thallium  | ug/L  | 85 - 114               | 960              | D  | 100              | UD | 1000           | 97            |      | P  |
| Vanadium  | ug/L  | 90 - 111               | 161              | D  | 22.9             | JD | 150            | 92            |      | P  |
| Zinc      | ug/L  | 87 - 115               | 138              | D  | 46.1             | JD | 100            | 92            |      | P  |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** Tetra Tech NUS, Inc. **level:** low **sdg no.:** Q3017  
**contract:** TETR06 **lab code:** ACE  
**matrix:** Water **sample id:** Q3017-05 **client id:** TT-079-IDWGW-20250903MSD  
**Percent Solids for Sample:** NA **Spiked ID:** Q3017-05MSD **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C  | Sample<br>Result | C  | Spike<br>Added | %<br>Recovery | Qual | M  |
|-----------|-------|------------------------|---------------|----|------------------|----|----------------|---------------|------|----|
| Aluminum  | ug/L  | 86 - 115               | 14600         | D  | 21700            | D  | 1000           | -714          |      | P  |
| Antimony  | ug/L  | 88 - 113               | 395           | D  | 125              | UD | 400            | 100           |      | P  |
| Arsenic   | ug/L  | 87 - 113               | 387           | D  | 50.0             | UD | 400            | 97            |      | P  |
| Barium    | ug/L  | 88 - 113               | 228           | JD | 167              | JD | 100            | 62            | N    | P  |
| Beryllium | ug/L  | 89 - 112               | 100           | D  | 15.0             | UD | 100            | 99            |      | P  |
| Cadmium   | ug/L  | 88 - 113               | 94.9          | D  | 15.0             | UD | 100            | 95            |      | P  |
| Calcium   | ug/L  | 87 - 113               | 8980          | D  | 9470             | D  | 500            | -98           |      | P  |
| Chromium  | ug/L  | 90 - 113               | 215           | D  | 23.2             | JD | 200            | 96            |      | P  |
| Cobalt    | ug/L  | 89 - 114               | 108           | D  | 12.9             | JD | 100            | 95            |      | P  |
| Copper    | ug/L  | 86 - 114               | 174           | D  | 22.9             | JD | 150            | 101           |      | P  |
| Iron      | ug/L  | 87 - 115               | 8610          | D  | 9770             | D  | 1500           | -77           |      | P  |
| Lead      | ug/L  | 86 - 113               | 484           | D  | 23.8             | JD | 500            | 92            |      | P  |
| Magnesium | ug/L  | 85 - 113               | 4330          | JD | 4110             | JD | 1000           | 22            |      | P  |
| Manganese | ug/L  | 90 - 114               | 356           | D  | 291              | D  | 100            | 66            | N    | P  |
| Mercury   | ug/L  | 82 - 119               | 3.72          |    | 0.20             | U  | 4.0            | 93            |      | CV |
| Nickel    | ug/L  | 88 - 113               | 256           | D  | 17.0             | JD | 250            | 96            |      | P  |
| Potassium | ug/L  | 86 - 114               | 5810          | D  | 5000             | UD | 5000           | 73            | N    | P  |
| Selenium  | ug/L  | 83 - 114               | 967           | D  | 50.0             | UD | 1000           | 96            |      | P  |
| Silver    | ug/L  | 84 - 115               | 37.3          | D  | 25.0             | UD | 37.5           | 98            |      | P  |
| Sodium    | ug/L  | 87 - 115               | 20100         | D  | 23800            | D  | 1500           | -245          |      | P  |
| Thallium  | ug/L  | 85 - 114               | 976           | D  | 100              | UD | 1000           | 98            |      | P  |
| Vanadium  | ug/L  | 90 - 111               | 161           | D  | 22.9             | JD | 150            | 92            |      | P  |
| Zinc      | ug/L  | 87 - 115               | 203           | D  | 46.1             | JD | 100            | 157           | N    | P  |

**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                   |                             |                   |                  |                   |                               |
|-------------------|-----------------------------|-------------------|------------------|-------------------|-------------------------------|
| <b>Client:</b>    | <u>Tetra Tech NUS, Inc.</u> | <b>SDG No.:</b>   | <u>Q3017</u>     |                   |                               |
| <b>Contract:</b>  | <u>TETR06</u>               | <b>Lab Code:</b>  | <u>ACE</u>       |                   |                               |
| <b>Matrix:</b>    | <u>Water</u>                | <b>Level:</b>     | <u>LOW</u>       | <b>Client ID:</b> | <u>TT-079-IDWGW-20250903A</u> |
| <b>Sample ID:</b> | <u>Q3017-05</u>             | <b>Spiked ID:</b> | <u>Q3017-05A</u> |                   |                               |

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C  | Sample<br>Result | C  | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|----|------------------|----|----------------|---------------|------|---|
| Barium    | ug/L  | 88 - 113               | 244              | JD | 167              | JD | 500            | 15            | N    | P |
| Manganese | ug/L  | 90 - 114               | 367              | D  | 291              | D  | 500            | 15            | N    | P |
| Potassium | ug/L  | 86 - 114               | 6260             | D  | 5000             | UD | 25000          | 16            | N    | P |
| Zinc      | ug/L  | 87 - 115               | 141              | D  | 46.1             | JD | 500            | 19            | N    | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q3017  
**Contract:** TETR06 **Lab Code:** ACE  
**Matrix:** Water **Sample ID:** Q3017-05 **Client ID:** TT-079-IDWGW-20250903DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q3017-05DUP **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C  | Duplicate Result | C  | RPD | Qual | M  |
|-----------|-------|------------------|---------------|----|------------------|----|-----|------|----|
| Aluminum  | ug/L  | 20               | 21700         | D  | 21800            | D  | 0   |      | P  |
| Antimony  | ug/L  | 20               | 125           | UD | 125              | UD |     |      | P  |
| Arsenic   | ug/L  | 20               | 50.0          | UD | 50.0             | UD |     |      | P  |
| Barium    | ug/L  | 20               | 167           | JD | 173              | JD | 4   |      | P  |
| Beryllium | ug/L  | 20               | 15.0          | UD | 15.0             | UD |     |      | P  |
| Cadmium   | ug/L  | 20               | 15.0          | UD | 15.0             | UD |     |      | P  |
| Calcium   | ug/L  | 20               | 9470          | D  | 9740             | D  | 3   |      | P  |
| Chromium  | ug/L  | 20               | 23.2          | JD | 24.4             | JD | 5   |      | P  |
| Cobalt    | ug/L  | 20               | 12.9          | JD | 13.3             | JD | 3   |      | P  |
| Copper    | ug/L  | 20               | 22.9          | JD | 24.1             | JD | 5   |      | P  |
| Iron      | ug/L  | 20               | 9770          | D  | 9900             | D  | 1   |      | P  |
| Lead      | ug/L  | 20               | 23.8          | JD | 23.5             | JD | 1   |      | P  |
| Magnesium | ug/L  | 20               | 4110          | JD | 4280             | JD | 4   |      | P  |
| Manganese | ug/L  | 20               | 291           | D  | 298              | D  | 2   |      | P  |
| Mercury   | ug/L  | 20               | 0.20          | U  | 0.20             | U  |     |      | CV |
| Nickel    | ug/L  | 20               | 17.0          | JD | 17.0             | JD | 0   |      | P  |
| Potassium | ug/L  | 20               | 5000          | UD | 5000             | UD |     |      | P  |
| Selenium  | ug/L  | 20               | 50.0          | UD | 50.0             | UD |     |      | P  |
| Silver    | ug/L  | 20               | 25.0          | UD | 25.0             | UD |     |      | P  |
| Sodium    | ug/L  | 20               | 23800         | D  | 24400            | D  | 2   |      | P  |
| Thallium  | ug/L  | 20               | 100           | UD | 100              | UD |     |      | P  |
| Vanadium  | ug/L  | 20               | 22.9          | JD | 23.3             | JD | 2   |      | P  |
| Zinc      | ug/L  | 20               | 46.1          | JD | 47.0             | JD | 2   |      | P  |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

# Metals

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## DUPLICATE SAMPLE SUMMARY

**Client:** Tetra Tech NUS, Inc. **Level:** LOW **SDG No.:** Q3017  
**Contract:** TETR06 **Lab Code:** ACE  
**Matrix:** Water **Sample ID:** Q3017-05MS **Client ID:** TT-079-IDWGW-20250903MSD  
**Percent Solids for Sample:** NA **Duplicate ID** Q3017-05MSD **Percent Solids for Spike Sample:** NA

| Analyte   | Units | Acceptance Limit | Sample Result | C  | Duplicate Result | C  | RPD | Qual | M  |
|-----------|-------|------------------|---------------|----|------------------|----|-----|------|----|
| Aluminum  | ug/L  | 20               | 14600         | D  | 14600            | D  | 0   |      | P  |
| Antimony  | ug/L  | 20               | 398           | D  | 395              | D  | 1   |      | P  |
| Arsenic   | ug/L  | 20               | 385           | D  | 387              | D  | 1   |      | P  |
| Barium    | ug/L  | 20               | 244           | JD | 228              | JD | 7   |      | P  |
| Beryllium | ug/L  | 20               | 94.4          | D  | 100              | D  | 6   |      | P  |
| Cadmium   | ug/L  | 20               | 95.3          | D  | 94.9             | D  | 0   |      | P  |
| Calcium   | ug/L  | 20               | 9170          | D  | 8980             | D  | 2   |      | P  |
| Chromium  | ug/L  | 20               | 214           | D  | 215              | D  | 0   |      | P  |
| Cobalt    | ug/L  | 20               | 109           | D  | 108              | D  | 1   |      | P  |
| Copper    | ug/L  | 20               | 173           | D  | 174              | D  | 1   |      | P  |
| Iron      | ug/L  | 20               | 9320          | D  | 8610             | D  | 8   |      | P  |
| Lead      | ug/L  | 20               | 485           | D  | 484              | D  | 0   |      | P  |
| Magnesium | ug/L  | 20               | 4390          | JD | 4330             | JD | 1   |      | P  |
| Manganese | ug/L  | 20               | 363           | D  | 356              | D  | 2   |      | P  |
| Mercury   | ug/L  | 20               | 3.73          |    | 3.72             |    | 0   |      | CV |
| Nickel    | ug/L  | 20               | 256           | D  | 256              | D  | 0   |      | P  |
| Potassium | ug/L  | 20               | 6290          | D  | 5810             | D  | 8   |      | P  |
| Selenium  | ug/L  | 20               | 963           | D  | 967              | D  | 0   |      | P  |
| Silver    | ug/L  | 20               | 36.2          | D  | 37.3             | D  | 3   |      | P  |
| Sodium    | ug/L  | 20               | 23000         | D  | 20100            | D  | 13  |      | P  |
| Thallium  | ug/L  | 20               | 960           | D  | 976              | D  | 2   |      | P  |
| Vanadium  | ug/L  | 20               | 161           | D  | 161              | D  | 0   |      | P  |
| Zinc      | ug/L  | 20               | 138           | D  | 203              | D  | 38  |      | P  |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

|                  |                             |                  |              |
|------------------|-----------------------------|------------------|--------------|
| <b>Client:</b>   | <u>Tetra Tech NUS, Inc.</u> | <b>SDG No.:</b>  | <u>Q3017</u> |
| <b>Contract:</b> | <u>TETR06</u>               | <b>Lab Code:</b> | <u>ACE</u>   |

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB169555BS |       |            |        |   |               |                      |   |
| Aluminum   | ug/L  | 1000       | 971    |   | 97            | 86 - 115             | P |
| Antimony   | ug/L  | 400        | 396    |   | 99            | 88 - 113             | P |
| Arsenic    | ug/L  | 400        | 380    |   | 95            | 87 - 113             | P |
| Barium     | ug/L  | 100        | 94.2   |   | 94            | 88 - 113             | P |
| Beryllium  | ug/L  | 100        | 97.7   |   | 98            | 89 - 112             | P |
| Cadmium    | ug/L  | 100        | 93.4   |   | 93            | 88 - 113             | P |
| Calcium    | ug/L  | 500        | 469    | J | 94            | 87 - 113             | P |
| Chromium   | ug/L  | 200        | 194    |   | 97            | 90 - 113             | P |
| Cobalt     | ug/L  | 100        | 94.4   |   | 94            | 89 - 114             | P |
| Copper     | ug/L  | 150        | 150    |   | 100           | 86 - 114             | P |
| Iron       | ug/L  | 1500       | 1450   |   | 97            | 87 - 115             | P |
| Lead       | ug/L  | 500        | 463    |   | 93            | 86 - 113             | P |
| Magnesium  | ug/L  | 1000       | 972    | J | 97            | 85 - 113             | P |
| Manganese  | ug/L  | 100        | 98.3   |   | 98            | 90 - 114             | P |
| Nickel     | ug/L  | 250        | 238    |   | 95            | 88 - 113             | P |
| Potassium  | ug/L  | 5000       | 4730   |   | 95            | 86 - 114             | P |
| Selenium   | ug/L  | 1000       | 964    |   | 96            | 83 - 114             | P |
| Silver     | ug/L  | 37.5       | 36.8   |   | 98            | 84 - 115             | P |
| Sodium     | ug/L  | 1500       | 1400   |   | 93            | 87 - 115             | P |
| Thallium   | ug/L  | 1000       | 858    |   | 86            | 85 - 114             | P |
| Vanadium   | ug/L  | 150        | 146    |   | 97            | 90 - 111             | P |
| Zinc       | ug/L  | 100        | 97.8   |   | 98            | 87 - 115             | P |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB169582BS<br>Mercury | ug/L  | 4.0        | 3.80   |   | 95            | 82 - 119             | CV |

A

B

C

D

E

F

G

H

**Metals**  
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**ICP SERIAL DILUTIONS**

SAMPLE NO.

TT-079-IDWGW-20250903L

**Lab Name:** Alliance **Contract:** TETR06  
**Lab Code:** ACE **Lb No.:** lb137103 **Lab Sample ID :** Q3017-05L **SDG No.:** Q3017  
**Matrix (soil/water):** Water **Level (low/med):** LOW  
**Concentration Units:** ug/L

| Analyte   | Initial Sample Result (I) |    | Serial Dilution Result (S) |    | % Differ-<br>ence | Q | M  |
|-----------|---------------------------|----|----------------------------|----|-------------------|---|----|
|           |                           | C  |                            | C  |                   |   |    |
| Aluminum  | 21700                     | D  | 22200                      | D  | 2                 |   | P  |
| Antimony  | 125                       | UD | 625                        | UD |                   |   | P  |
| Arsenic   | 50.0                      | UD | 250                        | UD |                   |   | P  |
| Barium    | 167                       | JD | 1250                       | UD | 100               |   | P  |
| Beryllium | 15.0                      | UD | 75.0                       | UD |                   |   | P  |
| Cadmium   | 15.0                      | UD | 75.0                       | UD |                   |   | P  |
| Calcium   | 9470                      | D  | 9210                       | JD | 3                 |   | P  |
| Chromium  | 23.2                      | JD | 125                        | UD | 100               |   | P  |
| Cobalt    | 12.9                      | JD | 375                        | UD | 100               |   | P  |
| Copper    | 22.9                      | JD | 250                        | UD | 100               |   | P  |
| Iron      | 9770                      | D  | 9250                       | D  | 5                 |   | P  |
| Lead      | 23.8                      | JD | 150                        | UD | 100               |   | P  |
| Magnesium | 4110                      | JD | 4150                       | JD | 1                 |   | P  |
| Manganese | 291                       | D  | 291                        | D  | 0                 |   | P  |
| Mercury   | 0.20                      | U  | 1.00                       | U  |                   |   | CV |
| Nickel    | 17.0                      | JD | 500                        | UD | 100               |   | P  |
| Potassium | 5000                      | UD | 25000                      | UD |                   |   | P  |
| Selenium  | 50.0                      | UD | 250                        | UD |                   |   | P  |
| Silver    | 25.0                      | UD | 125                        | UD |                   |   | P  |
| Sodium    | 23800                     | D  | 21100                      | JD | 12                |   | P  |
| Thallium  | 100                       | UD | 500                        | UD |                   |   | P  |
| Vanadium  | 22.9                      | JD | 500                        | UD | 100               |   | P  |
| Zinc      | 46.1                      | JD | 500                        | UD | 100               |   | P  |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |            |           |           |
|-----------|-------------------------|------------------------------------------|------------|------------|-----------|-----------|
|           |                         | Al                                       | Ca         | Fe         | Mg        | Ag        |
| Aluminum  | 396.100                 | 0.0000000                                | -0.0002060 | 0.0000000  | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000930  | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | -0.0075970 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000  | 0.0007850  | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | -0.0000920                               | 0.0000000  | 0.0000380  | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | -0.0001490 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0001050  | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|           |                         | As                                       | Ba        | Be        | Cd        | Co         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead      | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900  |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |            |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|------------|------------|
|           |                         | Cr                                       | Cu        | K         | Mn         | Mo         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000590 | 0.0000000  | 0.0396900  |
| Antimony  | 206.833                 | 0.0122000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Arsenic   | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000  | 0.0004900  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200  | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0007860 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0006510  | 0.0020500  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000730 | 0.0000000  | -0.0015250 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400  | -0.0008600 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460  | 0.0000000  |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | -0.0000120 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0017400  | -0.0100400 |
| Vanadium  | 292.402                 | -0.0025100                               | 0.0000000 | 0.0000000 | 0.0000000  | -0.0072000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0009010 | 0.0000000 | 0.0000000  | 0.0000000  |

**Metals**

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**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |           |           |           |
|-----------|-------------------------|----------------------------------------|------------|-----------|-----------|-----------|
|           |                         | Na                                     | Ni         | Pb        | Sb        | Se        |
| Aluminum  | 396.100                 | 0.0000000                              | 0.0000000  | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                              | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                              | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                              | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |
| Magnesium | 279.079                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000  | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                              | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                              | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Instrument ID:**

**Date:**

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |            |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|------------|-----------|
|           |                         | Sn                                       | Ti         | Tl        | V          | Zn        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Antimony  | 206.833                 | -0.0035600                               | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000  | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110  | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0018800  | 0.0000000 | 0.0000000  | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0003840  | 0.0000000 | 0.0000000  | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000  | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000  | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0005320  | 0.0000000 | 0.0000000  | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Method:**

| Sample ID                     | Client ID                | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|--------------------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB169555</b> |                          |             |        |            |                         |                          |                |
| PB169555BL                    | PB169555BL               | MB          | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| PB169555BS                    | PB169555BS               | LCS         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-02                      | TT-076-IDWGW-20250903    | SAM         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-03                      | TT-077-IDWGW-20250903    | SAM         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-04                      | TT-078-IDWGW-20250903    | SAM         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-05                      | TT-079-IDWGW-20250903    | SAM         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-05DUP                   | TT-079-IDWGW-20250903DUP | DUP         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-05MS                    | TT-079-IDWGW-20250903MS  | MS          | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |
| Q3017-05MSD                   | TT-079-IDWGW-20250903MSD | MSD         | WATER  | 09/04/2025 | 50.0                    | 25.0                     |                |

**Metals**  
**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Contract:** TETR06

**Lab Code:** ACE

**Method:**

| Sample ID                     | Client ID                | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|--------------------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB169582</b> |                          |             |        |            |                         |                          |                |
| PB169582BL                    | PB169582BL               | MB          | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| PB169582BS                    | PB169582BS               | LCS         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-02                      | TT-076-IDWGW-20250903    | SAM         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-03                      | TT-077-IDWGW-20250903    | SAM         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-04                      | TT-078-IDWGW-20250903    | SAM         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-05                      | TT-079-IDWGW-20250903    | SAM         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-05DUP                   | TT-079-IDWGW-20250903DUP | DUP         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-05MS                    | TT-079-IDWGW-20250903MS  | MS          | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |
| Q3017-05MSD                   | TT-079-IDWGW-20250903MSD | MSD         | WATER  | 09/05/2025 | 30.0                    | 30.0                     |                |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Tetra Tech NUS, Inc.

**Contract:** TETR06

**Lab code:** ACE

**Sdg no.:** Q3017

**Instrument id number:** \_\_\_\_\_

**Method:** \_\_\_\_\_

**Run number:** lb137094

**Start date:** 09/05/2025

**End date:** 09/05/2025

| Lab sample id. | Client Sample Id         | d/f | Time | Parameter list |
|----------------|--------------------------|-----|------|----------------|
| S0             | S0                       | 1   | 1442 | HG             |
| S0.2           | S0.2                     | 1   | 1449 | HG             |
| S2.5           | S2.5                     | 1   | 1452 | HG             |
| S5             | S5                       | 1   | 1454 | HG             |
| S7.5           | S7.5                     | 1   | 1456 | HG             |
| S10            | S10                      | 1   | 1501 | HG             |
| ICV21          | ICV21                    | 1   | 1520 | HG             |
| ICB21          | ICB21                    | 1   | 1523 | HG             |
| CCV60          | CCV60                    | 1   | 1525 | HG             |
| CCB60          | CCB60                    | 1   | 1527 | HG             |
| CRA            | CRA                      | 1   | 1529 | HG             |
| PB169582BL     | PB169582BL               | 1   | 1539 | HG             |
| PB169582BS     | PB169582BS               | 1   | 1541 | HG             |
| Q3017-02       | TT-076-IDWGW-20250903    | 1   | 1543 | HG             |
| Q3017-03       | TT-077-IDWGW-20250903    | 1   | 1546 | HG             |
| Q3017-04       | TT-078-IDWGW-20250903    | 1   | 1548 | HG             |
| Q3017-05       | TT-079-IDWGW-20250903    | 1   | 1550 | HG             |
| Q3017-05DUP    | TT-079-IDWGW-20250903DUP | 1   | 1553 | HG             |
| CCV61          | CCV61                    | 1   | 1555 | HG             |
| CCB61          | CCB61                    | 1   | 1557 | HG             |
| Q3017-05MS     | TT-079-IDWGW-20250903MS  | 1   | 1602 | HG             |
| Q3017-05MSD    | TT-079-IDWGW-20250903MSI | 1   | 1604 | HG             |
| CCV62          | CCV62                    | 1   | 1625 | HG             |
| CCB62          | CCB62                    | 1   | 1627 | HG             |
| Q3017-05L      | TT-079-IDWGW-20250903L   | 5   | 1630 | HG             |
| CCV63          | CCV63                    | 1   | 1641 | HG             |
| CCB63          | CCB63                    | 1   | 1643 | HG             |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Tetra Tech NUS, Inc.

**Contract:** TETR06

**Lab code:** ACE

**Sdg no.:** Q3017

**Instrument id number:**
**Method:**
**Run number:** LB137103

**Start date:** 09/05/2025

**End date:** 09/05/2025

| Lab sample id. | Client Sample Id         | d/f | Time | Parameter list                                                  |
|----------------|--------------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0                       | 1   | 1119 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1                       | 1   | 1124 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2                       | 1   | 1128 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3                       | 1   | 1132 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4                       | 1   | 1136 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5                       | 1   | 1140 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01                    | 1   | 1144 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01                  | 1   | 1148 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01                    | 1   | 1154 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01                    | 1   | 1159 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01                   | 1   | 1205 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01                  | 1   | 1209 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01                    | 1   | 1228 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01                    | 1   | 1232 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB169555BL     | PB169555BL               | 1   | 1250 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB169555BS     | PB169555BS               | 1   | 1255 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-02       | TT-076-IDWGW-20250903    | 5   | 1259 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-03       | TT-077-IDWGW-20250903    | 5   | 1303 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-04       | TT-078-IDWGW-20250903    | 5   | 1307 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-05       | TT-079-IDWGW-20250903    | 5   | 1311 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-05DUP    | TT-079-IDWGW-20250903DUP | 5   | 1316 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02                    | 1   | 1320 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02                    | 1   | 1324 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-05L      | TT-079-IDWGW-20250903L   | 25  | 1328 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-05MS     | TT-079-IDWGW-20250903MS  | 5   | 1333 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-05MSD    | TT-079-IDWGW-20250903MSI | 5   | 1337 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q3017-05A      | TT-079-IDWGW-20250903A   | 5   | 1341 | Ba,K,Mn,Zn                                                      |
| CCV03          | CCV03                    | 1   | 1429 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03                    | 1   | 1433 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04          | CCV04                    | 1   | 1536 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04                    | 1   | 1540 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05          | CCV05                    | 1   | 1606 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05          | CCB05                    | 1   | 1615 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

## LAB CHRONICLE

|                 |                      |                   |                               |
|-----------------|----------------------|-------------------|-------------------------------|
| <b>OrderID:</b> | Q3017                | <b>OrderDate:</b> | 9/4/2025 10:17:00 AM          |
| <b>Client:</b>  | Tetra Tech NUS, Inc. | <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 |
| <b>Contact:</b> | Ernie Wu             | <b>Location:</b>  | J12,VOA Lab                   |

| LabID           | ClientID                          | Matrix       | Test | Method | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|-----------------------------------|--------------|------|--------|---------------------------|-----------|-------------------|-----------------|
| <b>Q3017-02</b> | <b>TT-076-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25<br/>11:30</b> |           |                   | <b>09/04/25</b> |
|                 |                                   |              | pH   | 9040C  |                           |           | 09/05/25<br>08:55 |                 |
| <b>Q3017-03</b> | <b>TT-077-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25<br/>11:40</b> |           |                   | <b>09/04/25</b> |
|                 |                                   |              | pH   | 9040C  |                           |           | 09/05/25<br>09:00 |                 |
| <b>Q3017-04</b> | <b>TT-078-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25<br/>11:50</b> |           |                   | <b>09/04/25</b> |
|                 |                                   |              | pH   | 9040C  |                           |           | 09/05/25<br>09:10 |                 |
| <b>Q3017-05</b> | <b>TT-079-IDWGW-2025<br/>0903</b> | <b>WATER</b> |      |        | <b>09/03/25<br/>12:00</b> |           |                   | <b>09/04/25</b> |
|                 |                                   |              | pH   | 9040C  |                           |           | 09/05/25<br>09:25 |                 |



# SAMPLE DATA

## Report of Analysis

|                   |                               |                 |                |
|-------------------|-------------------------------|-----------------|----------------|
| Client:           | Tetra Tech NUS, Inc.          | Date Collected: | 09/03/25 11:30 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 09/04/25       |
| Client Sample ID: | TT-076-IDWGW-20250903         | SDG No.:        | Q3017          |
| Lab Sample ID:    | Q3017-02                      | Matrix:         | WATER          |
|                   |                               | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|-----|-----|------------|-------|-----------|----------------|----------|
| pH        | 7.25  | H    | 1  | 0   | 0   | 0          | pH    |           | 09/05/25 08:55 | 9040C    |

Comments: pH result reported at temperature 20.6 °C

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: | 09/03/25 11:40 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 09/04/25       |
| Client Sample ID: | TT-077-IDWGW-20250903         | SDG No.:        | Q3017          |
| Lab Sample ID:    | Q3017-03                      | Matrix:         | WATER          |
|                   |                               | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|-----|-----|------------|-------|-----------|----------------|----------|
| pH        | 7.18  | H    | 1  | 0   | 0   | 0          | pH    |           | 09/05/25 09:00 | 9040C    |

Comments: pH result reported at temperature 20.1 °C

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: | 09/03/25 11:50 |
| 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          |
|                   |                               | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|-----|-----|------------|-------|-----------|----------------|----------|
| pH        | 6.83  | H    | 1  | 0   | 0   | 0          | pH    |           | 09/05/25 09:10 | 9040C    |

Comments: pH result reported at temperature 20.4 °C

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: | 09/03/25 12:00 |
| Project:          | NWIRP Bethpage 112G08005-WE13 | Date Received:  | 09/04/25       |
| Client Sample ID: | TT-079-IDWGW-20250903         | SDG No.:        | Q3017          |
| Lab Sample ID:    | Q3017-05                      | Matrix:         | WATER          |
|                   |                               | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-----------|-------|------|----|-----|-----|------------|-------|-----------|----------------|----------|
| pH        | 6.63  | H    | 1  | 0   | 0   | 0          | pH    |           | 09/05/25 09:25 | 9040C    |

Comments: pH result reported at temperature 20.3 °C

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



# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** Tetra Tech NUS, Inc.

**SDG No.:** Q3017

**Project:** NWIRP Bethpage 112G08005-WE13

**RunNo.:** LB137081

| Analyte                      | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>pH  | pH    | 7.01   | 7          | 100        | 90-110                 | 09/05/2025    |
| Sample ID: <b>CCV1</b><br>pH | pH    | 2.01   | 2.00       | 101        | 90-110                 | 09/05/2025    |
| Sample ID: <b>CCV2</b><br>pH | pH    | 12.02  | 12.00      | 100        | 90-110                 | 09/05/2025    |

## Duplicate Sample Summary

|                   |                               |                                         |          |
|-------------------|-------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Tetra Tech NUS, Inc.          | <b>SDG No.:</b>                         | Q3017    |
| <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 | <b>Sample ID:</b>                       | Q3017-02 |
| <b>Client ID:</b> | TT-076-IDWGW-20250903DUP      | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| pH      | pH    | +/-20            | 7.25          |                 | 7.27             |                 | 1               | 0.28   |      | 09/05/2025    |

## Duplicate Sample Summary

|                   |                               |                                         |          |
|-------------------|-------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Tetra Tech NUS, Inc.          | <b>SDG No.:</b>                         | Q3017    |
| <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 | <b>Sample ID:</b>                       | Q3017-03 |
| <b>Client ID:</b> | TT-077-IDWGW-20250903DUP      | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| pH      | pH    | +/-20            | 7.18          |                 | 7.19             |                 | 1               | 0.14   |      | 09/05/2025    |

## Duplicate Sample Summary

|                   |                               |                                         |          |
|-------------------|-------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Tetra Tech NUS, Inc.          | <b>SDG No.:</b>                         | Q3017    |
| <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 | <b>Sample ID:</b>                       | Q3017-04 |
| <b>Client ID:</b> | TT-078-IDWGW-20250903DUP      | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| pH      | pH    | +/-20            | 6.83          |                 | 6.86             |                 | 1               | 0.44   |      | 09/05/2025    |

## Duplicate Sample Summary

|                   |                               |                                         |          |
|-------------------|-------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Tetra Tech NUS, Inc.          | <b>SDG No.:</b>                         | Q3017    |
| <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 | <b>Sample ID:</b>                       | Q3017-05 |
| <b>Client ID:</b> | TT-079-IDWGW-20250903DUP      | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| pH      | pH    | +/-20            | 6.63          |                 | 6.65             |                 | 1               | 0.3    |      | 09/05/2025    |

## Duplicate Sample Summary

|                   |                               |                                         |          |
|-------------------|-------------------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Tetra Tech NUS, Inc.          | <b>SDG No.:</b>                         | Q3017    |
| <b>Project:</b>   | NWIRP Bethpage 112G08005-WE13 | <b>Sample ID:</b>                       | Q3022-01 |
| <b>Client ID:</b> | 1413DUP                       | <b>Percent Solids for Spike Sample:</b> | 0        |

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| pH      | pH    | +/-20            | 7.43          |                 | 7.45             |                 | 1               | 0.27   |      | 09/05/2025    |



# SHIPPING DOCUMENTS

|                                                                                                                                                                                |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------|------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------|---|-------------|--|--|-----------------|----|--------------|------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|---|--|--|--|--|
| <b>CHEMTECH</b><br>CHAIN OF CUSTODY RECORD                                                                                                                                     |                                          | 284 Sheffield Street, Mountainside, NJ 07092<br>(908) 789-8900 Fax: (908) 78-8922<br>www.chemtech.net |                                                                                                                                                                                                                                                                                                                                                                                               | Chemtech Project Number: <span style="float: right;">2 3016 3017</span> |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
|                                                                                                                                                                                |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               | COC Number:                                                             |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| <b>CLIENT INFORMATION</b>                                                                                                                                                      |                                          |                                                                                                       | <b>PROJECT INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                                    |                                                                         |             |                              |          | <b>BILLING INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| COMPANY: Tetra Tech                                                                                                                                                            |                                          |                                                                                                       | PROJECT NAME: NWIRP Bethpage                                                                                                                                                                                                                                                                                                                                                                  |                                                                         |             |                              |          | BILL TO: SEE CONTRACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |          |   | PO#         |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| ADDRESS: 4433 Corporation Ln, Suite 300                                                                                                                                        |                                          |                                                                                                       | PROJECT #: 112G08005-WE13 LOCATION: GW IDW                                                                                                                                                                                                                                                                                                                                                    |                                                                         |             |                              |          | ADDRESS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| CITY: Virginia Beach STATE: VA ZIP: 23462                                                                                                                                      |                                          |                                                                                                       | PROJECT MANAGER: Ernie Wu                                                                                                                                                                                                                                                                                                                                                                     |                                                                         |             |                              |          | CITY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |          |   | STATE: ZIP: |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| ATTENTION: Ernie Wu                                                                                                                                                            |                                          |                                                                                                       | E-MAIL: ernie.wu@tetratech.com                                                                                                                                                                                                                                                                                                                                                                |                                                                         |             |                              |          | ATTENTION:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |          |   | PHONE:      |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| PHONE: 757-466-4901 FAX: 757-461-4148                                                                                                                                          |                                          |                                                                                                       | PHONE: 757-466-4901 FAX: 757-461-4148                                                                                                                                                                                                                                                                                                                                                         |                                                                         |             |                              |          | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| <b>DATA TURNAROUND INFORMATION</b>                                                                                                                                             |                                          |                                                                                                       | <b>DATA DELIVERABLE INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                           |                                                                         |             |                              |          | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCs (EPA 624)</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">pH</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Metals</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">PCBs (EPA 8082)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td colspan="4"></td> </tr> </table> |   |          |   |             |  |  | VOCs (EPA 624)  | pH | Total Metals | PCBs (EPA 8082)                                                              |  |  |  |  |  |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |  |  |  |
| VOCs (EPA 624)                                                                                                                                                                 | pH                                       | Total Metals                                                                                          | PCBs (EPA 8082)                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 1                                                                                                                                                                              | 2                                        | 3                                                                                                     | 4                                                                                                                                                                                                                                                                                                                                                                                             | 5                                                                       | 6           | 7                            | 8        | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| FAX: _____ 48hr _____ DAYS*<br>HARD COPY: _____ 48hr _____ DAYS*<br>EDD _____ 48hr _____ DAYS*<br>* TO BE APPROVED BY CHEMTECH<br>STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS |                                          |                                                                                                       | <input type="checkbox"/> RESULTS ONLY <input type="checkbox"/> USEPA CLP<br><input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B"<br><input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"<br><input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____<br><input type="checkbox"/> EDD Format _____ |                                                                         |             |                              |          | <b>PRESERVATIVES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |          |   |             |  |  | <b>COMMENTS</b> |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| <b>CHEMTECH<br/>SAMPLE<br/>ID</b>                                                                                                                                              | <b>PROJECT<br/>SAMPLE IDENTIFICATION</b> |                                                                                                       | <b>SAMPLE<br/>MATRIX</b>                                                                                                                                                                                                                                                                                                                                                                      | <b>SAMPLE<br/>TYPE</b>                                                  |             | <b>SAMPLE<br/>COLLECTION</b> |          | <b># of Bottles</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |          |   |             |  |  |                 |    |              | <-- Specify Preservatives<br>A-HCl B-HNO3<br>C-H2SO4 D-NaOH<br>E-ICE F-Other |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
|                                                                                                                                                                                |                                          |                                                                                                       | <b>COMP</b>                                                                                                                                                                                                                                                                                                                                                                                   | <b>GRAB</b>                                                             | <b>DATE</b> | <b>TIME</b>                  | <b>A</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   | <b>B</b> |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 1.                                                                                                                                                                             | BP-TB-20250903                           |                                                                                                       | QA                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | X           | 9/3/25                       | 9:00     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 |          |   |             |  |  |                 |    |              | Trip Blank                                                                   |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 2.                                                                                                                                                                             | TT-076-IDWGW-20250903                    |                                                                                                       | AQ                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | X           | 9/3/25                       | 11:30    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 1        | 1 | 1           |  |  |                 |    |              | pH 1.0                                                                       |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 3.                                                                                                                                                                             | TT-077-IDWGW-20250903                    |                                                                                                       | AQ                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | X           | 9/3/25                       | 11:40    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 1        | 1 | 1           |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 4.                                                                                                                                                                             | TT-078-IDWGW-20250903                    |                                                                                                       | AQ                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | X           | 9/3/25                       | 11:50    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 1        | 1 | 1           |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 5.                                                                                                                                                                             | TT-079-IDWGW-20250903                    |                                                                                                       | AQ                                                                                                                                                                                                                                                                                                                                                                                            |                                                                         | X           | 9/3/25                       | 12:00    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 | 1        | 1 | 1           |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 6.                                                                                                                                                                             |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 7.                                                                                                                                                                             |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 8.                                                                                                                                                                             |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 9.                                                                                                                                                                             |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |
| 10.                                                                                                                                                                            |                                          |                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                         |             |                              |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |          |   |             |  |  |                 |    |              |                                                                              |  |  |  |  |  |  |  |  |  |   |   |   |   |   |   |   |   |   |  |  |  |  |

**SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY**

|                         |                    |                       |                                                                                                                                                                                                           |
|-------------------------|--------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER | DATE/TIME          | RECEIVED BY           | Conditions of bottles or coolers at receipt:    Compliant    Non Compliant    Cooler Temp <u>23. C</u><br>MeOH extraction requires an additional 4oz. Jar for percent solid<br>Ice in Cooler?: <u>yes</u> |
| 1. <u>[Signature]</u>   | <u>9/3/25 1430</u> | 1. <u>[Signature]</u> | Comments:<br>48hr TAT - CTO-WE13 Drilling GW IDW Sampling - Frac Tank #1 (TT076), #2 (TT077), #3 (TT078), #5 (079) <u>TPGunk</u>                                                                          |
| RELINQUISHED BY         | DATE/TIME          | RECEIVED BY           |                                                                                                                                                                                                           |
| 2. <u>[Signature]</u>   | <u>9/4/25 9:30</u> | 2. <u>[Signature]</u> |                                                                                                                                                                                                           |
| RELINQUISHED BY         | DATE/TIME          | RECEIVED FOR LAB BY   | SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight<br>CHEMTECH: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight                        |
| 3. <u>[Signature]</u>   |                    | 3. <u>[Signature]</u> | Page <u>1</u> of <u>1</u>                                                                                                                                                                                 |

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT
YELLOW - CHEMTECH COPY
PINK - SAMPLER COPY

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |

## LOGIN REPORT/SAMPLE TRANSFER

|                                            |               |                                               |                              |
|--------------------------------------------|---------------|-----------------------------------------------|------------------------------|
| <b>Order ID :</b> Q3017                    | <b>TETR06</b> | <b>Order Date :</b> 9/4/2025 10:17:00 AM      | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Tetra Tech NUS, Inc.  |               | <b>Project Name :</b> NWIRP Bethpage 112G080  | <b>Report Type :</b> Level 4 |
| <b>Client Contact :</b> Ernie Wu           |               | <b>Receive DateTime :</b> 9/4/2025 9:30:00 AM | <b>EDD Type :</b> ADAPT      |
| <b>Invoice Name :</b> Tetra Tech NUS, Inc. |               | <b>Purchase Order :</b>                       | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Ernie Wu          |               |                                               | <b>Date Signoff :</b>        |

| LAB ID   | CLIENT ID             | MATRIX | SAMPLE DATE                         | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE    | DUE DATES |
|----------|-----------------------|--------|-------------------------------------|-------------|---------------|------------|--------|-------------|-----------|
| Q3017-01 | BP-TB-20250903        | Water  | <del>09/04/2025</del><br>09/03/2025 | 09:00       |               |            |        |             |           |
|          |                       |        |                                     |             | VOC-TCLVOA-10 |            | 624.1  | 2 Bus. Days |           |
| Q3017-02 | TT-076-IDWGW-20250903 | Water  | <del>09/04/2025</del><br>09/03/2025 | 11:30       |               |            |        |             |           |
|          |                       |        |                                     |             | VOC-TCLVOA-10 |            | 624.1  | 2 Bus. Days |           |
| Q3017-03 | TT-077-IDWGW-20250903 | Water  | <del>09/04/2025</del><br>09/03/2025 | 11:40       |               |            |        |             |           |
|          |                       |        |                                     |             | VOC-TCLVOA-10 |            | 624.1  | 2 Bus. Days |           |
| Q3017-04 | TT-078-IDWGW-20250903 | Water  | <del>09/04/2025</del><br>09/03/2025 | 11:50       |               |            |        |             |           |
|          |                       |        |                                     |             | VOC-TCLVOA-10 |            | 624.1  | 2 Bus. Days |           |
| Q3017-05 | TT-079-IDWGW-20250903 | Water  | <del>09/04/2025</del><br>09/03/2025 | 12:00       |               |            |        |             |           |
|          |                       |        |                                     |             | VOC-TCLVOA-10 |            | 624.1  | 2 Bus. Days |           |

Relinquished By : OR

Date / Time : 9/4/25 11:05

Received By : [Signature]

Date / Time : 9/4/25 11:05

Storage Area : VOA Refridgerator Room