



April 23, 2019

**Vista Work Order No. 1900675**

Ms. Maya Murshak  
Merit Laboratories, Inc.  
2680 East Lansing Drive  
East Lansing, MI 48823

Dear Ms. Murshak,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on April 09, 2019 under your Project Name 'MDEQ State Municipal Sampling'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at [mmaier@vista-analytical.com](mailto:mmaier@vista-analytical.com).

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier  
Laboratory Director



*Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.*

**Vista Work Order No. 1900675****Case Narrative****Sample Condition on Receipt:**

One drinking water sample was received in good condition and within the method temperature requirements. The sample was received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

**Analytical Notes:****EPA Method 537, Rev. 1.1**

The sample was extracted and analyzed for a selected list of 14 PFAS using EPA Method 537, Rev. 1.1. The results have been reported following the conventions specified by the Michigan Department of Environmental Quality.

**Holding Times**

The sample was extracted and analyzed within the method hold times.

**Quality Control**

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

Two Laboratory Fortified Blanks (LFB/LFBD) and a Laboratory Reagent Blank (LRB) were extracted and analyzed with the preparation batch. No analytes were detected in the Laboratory Reagent Blank. The LFB/LFBD recoveries were within the method acceptance criteria.

The surrogate recoveries for all QC and field samples were within the acceptance criteria.

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# Sample Inventory Report

| Vista<br>Sample ID | Client<br>Sample ID | Sampled         | Received        | Components/Containers                      |
|--------------------|---------------------|-----------------|-----------------|--|
| 1900675-01         | GWEF1904011500GGA   | 01-Apr-19 15:00 | 09-Apr-19 09:50 | HDPE Bottle, 250 mL<br>HDPE Bottle, 250 mL |

## **ANALYTICAL RESULTS**

|                       |                       |
|-----------------------|-----------------------|
| <b>Sample ID: LRB</b> | <b>EPA Method 537</b> |
|-----------------------|-----------------------|

|  |  |
|--|--|
| <b>Client Data</b><br>Name: Merit Laboratories, Inc.<br>Project: MDEQ State Municipal Sampling | <b>Laboratory Data</b><br>Matrix: Aqueous<br>Lab Sample: B9D0091-BLK1<br>Column: BEH C18 |
|--|--|

| Analyte           | CAS Number | Conc. (ng/L) | RL       | Qualifiers | Batch   | Extracted | Samp Size | Analyzed        | Dilution |
|-------------------|------------|--------------|----------|------------|---------|-----------|-----------|-----------------|----------|
| PFBS              | 375-73-5   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFHxA             | 307-24-4   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFHpA             | 375-85-9   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFHxS             | 355-46-4   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFOA              | 335-67-1   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFNA              | 375-95-1   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFOS              | 1763-23-1  | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFDA              | 335-76-2   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| MeFOSAA           | 2355-31-9  | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| EtFOSAA           | 2991-50-6  | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PfUnA             | 2058-94-8  | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFDaA             | 307-55-1   | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFTDA             | 72629-94-8 | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| PFTeDA            | 376-06-7   | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| Labeled Standards | Type       | % Recovery   | Limits   | Qualifiers | Batch   | Extracted | Samp Size | Analyzed        | Dilution |
| 13C2-PFHxA        | SURR       | 97           | 70 - 130 |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| 13C2-PFDA         | SURR       | 94           | 70 - 130 |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |
| d5-EtFOSAA        | SURR       | 95           | 70 - 130 |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 14:30 | 1        |

RL - Reporting limit

Results reported to RL.  
Reporting convention specified by MI DEQ.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

**Sample ID: LFB**

**EPA Method 537**

|          |                               |             |                          |                 |           |
|----------|-------------------------------|-------------|--------------------------|-----------------|-----------|
| Name:    | Merit Laboratories, Inc.      | Lab Sample: | B9D0091-BS1/B9D0091-BSD1 | Date Extracted: | 12-Apr-19 |
| Project: | MDEQ State Municipal Sampling | QC Batch:   | B9D0091                  | Column:         | BEH C18   |
| Matrix:  | Aqueous                       | Samp Size:  | 0.25/0.25 L              |                 |           |

| Analyte | CAS Number | LFB<br>(ng/L) | LFB<br>Spike Amt | LFB<br>% Rec | LFB<br>Quals | LFBD<br>(ng/L) | LFBD<br>Spike Amt | LFBD<br>% Rec | RPD | LFBD<br>Quals | %Rec<br>Limits | RPD<br>Limits | LFB<br>Analyzed | LFB<br>Dil | LFBD<br>Analyzed | LFBD<br>Dil |
|---------|------------|---------------|------------------|--------------|--------------|----------------|-------------------|---------------|-----|---------------|----------------|---------------|-----------------|------------|------------------|-------------|
| PFBS    | 375-73-5   | 18            | 18               | 104          |              | 19             | 18                | 105           | 2   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFHxA   | 307-24-4   | 21            | 20               | 105          |              | 21             | 20                | 105           | 0   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFHpA   | 375-85-9   | 20            | 20               | 99           |              | 21             | 20                | 105           | 6   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFHxS   | 355-46-4   | 20            | 18               | 110          |              | 17             | 18                | 91            | 19  |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFOA    | 335-67-1   | 21            | 20               | 106          |              | 21             | 20                | 106           | 0   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFNA    | 375-95-1   | 20            | 20               | 100          |              | 20             | 20                | 100           | 0   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFOS    | 1763-23-1  | 17            | 19               | 94           |              | 19             | 19                | 104           | 11  |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFDA    | 335-76-2   | 19            | 20               | 94           |              | 19             | 20                | 94            | 0   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| MeFOSAA | 2355-31-9  | 19            | 20               | 95           |              | 20             | 20                | 99            | 4   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| EtFOSAA | 2991-50-6  | 20            | 20               | 99           |              | 20             | 20                | 99            | 0   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFUnA   | 2058-94-8  | 20            | 20               | 98           |              | 20             | 20                | 101           | 3   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFDaA   | 307-55-1   | 19            | 20               | 95           |              | 18             | 20                | 88            | 7   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFTTrDA | 72629-94-8 | 19            | 20               | 94           |              | 18             | 20                | 91            | 3   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| PFTeDA  | 376-06-7   | 19            | 20               | 94           |              | 18             | 20                | 90            | 4   |               | 50-150         | 50            | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |

| Labeled Standards | Type | LFB<br>% Rec | LFB<br>Quals | LFBD<br>% Rec | LFBD<br>Quals | Limits | LFB<br>Analyzed | LFB<br>Dil | LFBD<br>Analyzed | LFBD<br>Dil |
|-------------------|------|--------------|--------------|---------------|---------------|--------|-----------------|------------|------------------|-------------|
| 13C2-PFHxA        | SURR | 95           |              | 96            |               | 70-130 | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| 13C2-PFDA         | SURR | 88           |              | 91            |               | 70-130 | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |
| d5-EtFOSAA        | SURR | 89           |              | 95            |               | 70-130 | 16-Apr-19 14:40 | 1          | 16-Apr-19 14:51  | 1           |

Data Reported per Michigan DEQ instructions.

|                                     |                       |
|-------------------------------------|-----------------------|
| <b>Sample ID: GWEF1904011500GGA</b> | <b>EPA Method 537</b> |
|-------------------------------------|-----------------------|

|   |   |
|---|---|
| <b>Client Data</b><br>Name: Merit Laboratories, Inc.<br>Project: MDEQ State Municipal Sampling<br>Location: EVART02190TP104 | <b>Laboratory Data</b><br>Lab Sample: 1900675-01<br>Date Received: 09-Apr-19 09:50<br>Column: BEH C18 |
|---|---|

| Analyte           | CAS Number | Conc. (ng/L) | RL       | Qualifiers | Batch   | Extracted | Samp Size | Analyzed        | Dilution |
|-------------------|------------|--------------|----------|------------|---------|-----------|-----------|-----------------|----------|
| PFBS              | 375-73-5   | 34           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFHxA             | 307-24-4   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFHpA             | 375-85-9   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFHxS             | 355-46-4   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFOA              | 335-67-1   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFNA              | 375-95-1   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFOS              | 1763-23-1  | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFDA              | 335-76-2   | ND           | 2        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| MeFOSAA           | 2355-31-9  | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| EtFOSAA           | 2991-50-6  | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFOA              | 2058-94-8  | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFDoA             | 307-55-1   | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFTTrDA           | 72629-94-8 | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| PFTeDA            | 376-06-7   | ND           | 4        |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| Labeled Standards | Type       | % Recovery   | Limits   | Qualifiers | Batch   | Extracted | Samp Size | Analyzed        | Dilution |
| 13C2-PFHxA        | SURR       | 95           | 70 - 130 |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| 13C2-PFDA         | SURR       | 95           | 70 - 130 |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |
| d5-EtFOSAA        | SURR       | 96           | 70 - 130 |            | B9D0091 | 12-Apr-19 | 0.25 L    | 16-Apr-19 15:44 | 1        |

RL - Reporting limit

Results reported to RL.  
Reporting convention specified by MI DEQ..

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.



## DATA QUALIFIERS & ABBREVIATIONS

|       |   |
|-------|---|
| B     | This compound was also detected in the method blank                                     |
| Conc. | Concentration   |
| D     | Dilution  |
| DL    | Detection limit   |
| E     | The associated compound concentration exceeded the calibration range of the instrument  |
| H     | Recovery and/or RPD was outside laboratory acceptance limits                            |
| I     | Chemical Interference   |
| J     | The amount detected is below the Reporting Limit/LOQ                                    |
| LOD   | Limits of Detection   |
| LOQ   | Limits of Quantitation  |
| M     | Estimated Maximum Possible Concentration (CA Region 2 projects only)                    |
| NA    | Not applicable  |
| ND    | Not Detected  |
| P     | The reported concentration may include contribution from chlorinated diphenyl ether(s). |
| Q     | The ion transition ratio is outside of the acceptance criteria.                         |
| TEQ   | Toxic Equivalency   |
| U     | Not Detected (specific projects only)   |
| *     | See Cover Letter  |

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

### Vista Analytical Laboratory Certifications

| Accrediting Authority                               | Certificate Number |
|---|--------------------|
| Alaska Department of Environmental Conservation     | 17-013             |
| Arkansas Department of Environmental Quality        | 19-013-0           |
| California Department of Health – ELAP              | 2892               |
| DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005     | 3091.01            |
| Florida Department of Health                        | E87777             |
| Hawaii Department of Health                         | N/A                |
| Louisiana Department of Environmental Quality       | 01977              |
| Maine Department of Health                          | 2018017            |
| Michigan Department of Environmental Quality        | 9932               |
| Minnesota Department of Health                      | 1521520            |
| New Hampshire Environmental Accreditation Program   | 207718             |
| New Jersey Department of Environmental Protection   | CA003              |
| New York Department of Health                       | 11411              |
| Oregon Laboratory Accreditation Program             | 4042-010           |
| Pennsylvania Department of Environmental Protection | 015                |
| Texas Commission on Environmental Quality           | T104704189-19-10   |
| Virginia Department of General Services             | 9618               |
| Washington Department of Ecology                    | C584-19            |
| Wisconsin Department of Natural Resources           | 998036160          |

*Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.*

## NELAP Accredited Test Methods

| MATRIX: Air  |           |
|--|-----------|
| Description of Test  | Method    |
| Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans | EPA 23    |
| Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans | EPA TO-9A |

| MATRIX: Biological Tissue   |                |
|---|----------------|
| Description of Test   | Method         |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS              | EPA 1613B      |
| Brominated Diphenyl Ethers by HRGC/HRMS   | EPA 1614A      |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS              | EPA 1668A/C    |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS                     | EPA 1699       |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS                            | EPA 537        |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS              | EPA 8280A/B    |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS | EPA 8290/8290A |

| MATRIX: Drinking Water   |                |
|--|----------------|
| Description of Test  | Method         |
| 2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS      | EPA 1613/1613B |
| 1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS            | EPA 522        |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | EPA 537        |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | ISO 25101 2009 |



| MATRIX: Non-Potable Water   |                |
|---|----------------|
| Description of Test   | Method         |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS              | EPA 1613B      |
| Brominated Diphenyl Ethers by HRGC/HRMS   | EPA 1614A      |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS              | EPA 1668A/C    |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS                     | EPA 1699       |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS                            | EPA 537        |
| Dioxin by GC/HRMS   | EPA 613        |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS              | EPA 8280A/B    |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS | EPA 8290/8290A |

| MATRIX: Solids  |                |
|---|----------------|
| Description of Test   | Method         |
| Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS                       | EPA 1613       |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS              | EPA 1613B      |
| Brominated Diphenyl Ethers by HRGC/HRMS   | EPA 1614A      |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS              | EPA 1668A/C    |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS                     | EPA 1699       |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS                            | EPA 537        |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS              | EPA 8280A/B    |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS | EPA 8290/8290A |



Work Order #: 1900675 Temp: 1.1 °C  
Storage ID: WR-2 Storage Secured: Yes ☒ No ☐

|              |                                  |                                     |          |
|--------------|----------------------------------|-------------------------------------|----------|
| <b>TAT</b>   | Standard:                        | <input checked="" type="checkbox"/> | 21 days  |
| (check one): | Rush (surcharge may apply)       |                                     |          |
|              | <input type="checkbox"/> 14 days | <input type="checkbox"/> 7 days     | Specify: |

|   |        |      |  |          |      |
|---|--------|------|--|----------|------|
| Relinquished by (printed name and signature)  | Date   | Time | Received by (printed name and signature)   | Date     | Time |
| George Austin  | 4/8/19 | 1700 | Marissa Sparks  | 04/09/19 | 0950 |
| Relinquished by (printed name and signature)  | Date   | Time | Received by (printed name and signature)   | Date     | Time |

[illegible]

**SEND  
DOCUMENTATION  
AND RESULTS TO:**

Name: **MIKE JURY**  
Company: **MDEQ**  
Address: **401 KETCHUM ST, SUITE B**  
City: **BAY CITY** State: **MI** Zip: **48708**  
Phone: **989-894-6255** Fax: **989-891-9237**  
Email: **dorin.boqdan@aeocom.com**

**Matrix Types:** AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment, SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other.

# Sample Log-In Checklist

 Page # 1 of 1

 Vista Work Order #: 1900675

 TAT std

|                                   |   |                         |   |
|-----------------------------------|---|-------------------------|---|
| <b>Samples Arrival:</b>           | <b>Date/Time</b><br>04/09/19 0950   | <b>Initials:</b><br>WWS | <b>Location:</b> WR-2<br><b>Shelf/Rack:</b> N/A     |
| <b>Logged In:</b>                 | <b>Date/Time</b><br>04/09/19 1144   | <b>Initials:</b><br>WWS | <b>Location:</b> WR-2<br><b>Shelf/Rack:</b> 2-3 E-4 |
| <b>Delivered By:</b>              | <input checked="" type="radio"/> FedEx <input type="radio"/> UPS <input type="radio"/> On Trac <input type="radio"/> GSO <input type="radio"/> DHL <input type="radio"/> Hand Delivered <input type="radio"/> Other |                         |   |
| <b>Preservation:</b>              | <input checked="" type="radio"/> Ice <input type="radio"/> Blue Ice <input type="radio"/> Dry Ice <input type="radio"/> None  |                         |   |
| <b>Temp °C:</b> 1.2 (uncorrected) | <b>Probe used:</b> Y / <input checked="" type="radio"/> N   |                         | <b>Thermometer ID:</b> IR-4                         |
| <b>Temp °C:</b> 1.1 (corrected)   |   |                         |   |

|  | YES   | NO   | NA                                  |  |
|--|---|--|-------------------------------------|--|
| Adequate Sample Volume Received?                                   | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| Holding Time Acceptable?   | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| Shipping Container(s) Intact?                                      | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| Shipping Custody Seals Intact?                                     | <input type="checkbox"/>  | <input type="checkbox"/>                   | <input checked="" type="checkbox"/> |  |
| Shipping Documentation Present?                                    | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| Airbill  | Trk # 4894 6695 8434  |  |                                     |  |
| Sample Container Intact?   | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| Sample Custody Seals Intact?                                       | <input type="checkbox"/>  | <input type="checkbox"/>                   | <input checked="" type="checkbox"/> |  |
| Chain of Custody / Sample Documentation Present?                   | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| COC Anomaly/Sample Acceptance Form completed?                      | <input type="checkbox"/>  | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> |  |
| If Chlorinated or Drinking Water Samples, Acceptable Preservation? | <input checked="" type="checkbox"/>   | <input type="checkbox"/>                   | <input type="checkbox"/>            |  |
| Preservation Documented:   | <input type="checkbox"/> Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> <input checked="" type="checkbox"/> Trizma <input type="checkbox"/> None | <input checked="" type="checkbox"/> Yes    | <input type="checkbox"/> No         |  |
| Shipping Container   | <input type="checkbox"/> Vista  | <input checked="" type="checkbox"/> Client | <input type="checkbox"/> Retain     | <input checked="" type="checkbox"/> Return |
|  |   |  |                                     | <input type="checkbox"/> Dispose           |

Comments: