



September 29, 2023

Randy Evans
Wellington Operating Company
328 South Overland Trail
Fort Collins, CO 80521

RE: Project: WPWT
Pace Project No.: 10668909

Dear Randy Evans:

Enclosed are the analytical results for sample(s) received by the laboratory on September 15, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Yeng Ozawa".

Yeng Ozawa
yeng.ozawa@pacelabs.com
(612)607-1700
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: WPWT

Pace Project No.: 10668909

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW

Certification #: via MN 027-053-137

Florida Certification #: E87605

Georgia Certification #: 959

GMP+ Certification #: GMP050884

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081

New Jersey Certification #: MN002

New York Certification #: 11647

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification (A2LA) #: R-036

North Dakota Certification (MN) #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Oklahoma Certification #: 9507

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192

Utah Certification #: MN00064

Vermont Certification #: VT-027053137

Virginia Certification #: 460163

Washington Certification #: C486

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

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SAMPLE ANALYTE COUNT

Project: WPWT
Pace Project No.: 10668909

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|-------------|-----------|-----------|----------|-------------------|------------|
| 10668909001 | 767702 | EPA 6010D | DM | 1 | PASI-M |
| | | SM 2540C | JKH | 1 | PASI-M |
| | | EPA 300.0 | JFP | 2 | PASI-M |
| 10668909002 | 767706 | EPA 6010D | DM | 2 | PASI-M |
| | | SM 2540C | JKH | 1 | PASI-M |
| | | EPA 300.0 | JFP | 3 | PASI-M |
| 10668909003 | 767703 | EPA 6010D | DM | 1 | PASI-M |
| | | SM 2540C | JKH | 1 | PASI-M |
| | | EPA 300.0 | JFP | 2 | PASI-M |
| 10668909004 | 767704 | EPA 6010D | DM | 1 | PASI-M |
| | | SM 2540C | JKH | 1 | PASI-M |
| | | EPA 300.0 | JFP | 2 | PASI-M |
| 10668909005 | 767705 | EPA 6010D | DM | 1 | PASI-M |
| | | SM 2540C | JKH | 1 | PASI-M |
| | | EPA 300.0 | JFP | 2 | PASI-M |

PASI-M = Pace Analytical Services - Minneapolis

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ANALYTICAL RESULTS

Project: WPWT
Pace Project No.: 10668909

| Sample: 767702 | | Lab ID: 10668909001 | | Collected: 09/14/23 12:40 | | Received: 09/15/23 08:40 | | Matrix: Water | |
|------------------------------|-------|--|-------|---------------------------|----------------|--------------------------|------------|---------------|------|
| Parameters | | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis | | | | | | | |
| Sodium | 46200 | ug/L | 1000 | 1 | 09/19/23 05:23 | 09/27/23 10:57 | 7440-23-5 | | |
| 2540C Total Dissolved Solids | | Analytical Method: SM 2540C Pace Analytical Services - Minneapolis | | | | | | | |
| Total Dissolved Solids | 1310 | mg/L | 10.0 | 1 | | 09/21/23 12:33 | | | |
| 300.0 IC Anions | | Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis | | | | | | | |
| Chloride | 42.2 | mg/L | 1.2 | 1 | | 09/17/23 16:47 | 16887-00-6 | | |
| Sulfate | 650 | mg/L | 12.0 | 10 | | 09/17/23 17:32 | 14808-79-8 | | |

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ANALYTICAL RESULTS

Project: WPWT
Pace Project No.: 10668909

| Sample: 767706 | | Lab ID: 10668909002 | | Collected: 09/14/23 13:30 | | Received: 09/15/23 08:40 | | Matrix: Water | |
|------------------------------|--------|--|-------|---------------------------|----------------|--------------------------|------------|---------------|------|
| Parameters | | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis | | | | | | | |
| Boron | 802 | ug/L | 150 | 1 | 09/19/23 05:23 | 09/27/23 11:06 | 7440-42-8 | | |
| Sodium | 204000 | ug/L | 2000 | 2 | 09/19/23 05:23 | 09/27/23 11:16 | 7440-23-5 | | |
| 2540C Total Dissolved Solids | | Analytical Method: SM 2540C Pace Analytical Services - Minneapolis | | | | | | | |
| Total Dissolved Solids | 929 | mg/L | 10.0 | 1 | | 09/21/23 12:33 | | | |
| 300.0 IC Anions | | Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis | | | | | | | |
| Chloride | 119 | mg/L | 6.0 | 5 | | 09/17/23 18:18 | 16887-00-6 | | |
| Fluoride | 1.6 | mg/L | 0.050 | 1 | | 09/17/23 17:01 | 16984-48-8 | | |
| Sulfate | 135 | mg/L | 6.0 | 5 | | 09/17/23 18:18 | 14808-79-8 | | |

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ANALYTICAL RESULTS

Project: WPWT
Pace Project No.: 10668909

| Sample: 767703 | | Lab ID: 10668909003 | | Collected: 09/14/23 11:45 | | Received: 09/15/23 08:40 | | Matrix: Water | |
|------------------------------|-------|--|-------|---------------------------|----------------|--------------------------|------------|---------------|------|
| Parameters | | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis | | | | | | | |
| Sodium | 63300 | ug/L | 1000 | 1 | 09/19/23 05:23 | 09/27/23 11:07 | 7440-23-5 | | |
| 2540C Total Dissolved Solids | | Analytical Method: SM 2540C Pace Analytical Services - Minneapolis | | | | | | | |
| Total Dissolved Solids | 1010 | mg/L | 10.0 | 1 | | 09/21/23 12:33 | | | |
| 300.0 IC Anions | | Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis | | | | | | | |
| Chloride | 36.8 | mg/L | 1.2 | 1 | | 09/17/23 17:15 | 16887-00-6 | | |
| Sulfate | 368 | mg/L | 12.0 | 10 | | 09/17/23 18:36 | 14808-79-8 | | |

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ANALYTICAL RESULTS

Project: WPWT
Pace Project No.: 10668909

| Sample: 767704 | | Lab ID: 10668909004 | Collected: 09/14/23 10:30 | Received: 09/15/23 08:40 | Matrix: Water | | | |
|-------------------------------------|--------------|--|---------------------------|--------------------------|----------------|----------------|------------|------|
| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis | | | | | | |
| Sodium | 35900 | ug/L | 1000 | 1 | 09/19/23 05:23 | 09/27/23 11:09 | 7440-23-5 | |
| 2540C Total Dissolved Solids | | Analytical Method: SM 2540C Pace Analytical Services - Minneapolis | | | | | | |
| Total Dissolved Solids | 1220 | mg/L | 10.0 | 1 | | 09/21/23 12:34 | | |
| 300.0 IC Anions | | Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis | | | | | | |
| Chloride | 13.0 | mg/L | 1.2 | 1 | | 09/17/23 18:50 | 16887-00-6 | |
| Sulfate | 617 | mg/L | 12.0 | 10 | | 09/17/23 19:21 | 14808-79-8 | |

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ANALYTICAL RESULTS

Project: WPWT
Pace Project No.: 10668909

| Sample: 767705 | | Lab ID: 10668909005 | | Collected: 09/14/23 09:35 | | Received: 09/15/23 08:40 | | Matrix: Water | |
|------------------------------|-------|--|-------|---------------------------|----------------|--------------------------|------------|---------------|------|
| Parameters | | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
| 6010D MET ICP | | Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Minneapolis | | | | | | | |
| Sodium | 46000 | ug/L | 1000 | 1 | 09/19/23 05:23 | 09/27/23 11:14 | 7440-23-5 | | |
| 2540C Total Dissolved Solids | | Analytical Method: SM 2540C Pace Analytical Services - Minneapolis | | | | | | | |
| Total Dissolved Solids | 1340 | mg/L | 10.0 | 1 | | 09/21/23 12:34 | | | |
| 300.0 IC Anions | | Analytical Method: EPA 300.0 Pace Analytical Services - Minneapolis | | | | | | | |
| Chloride | 55.0 | mg/L | 1.2 | 1 | | 09/17/23 19:04 | 16887-00-6 | | |
| Sulfate | 684 | mg/L | 12.0 | 10 | | 09/17/23 19:38 | 14808-79-8 | | |

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QUALITY CONTROL DATA

Project: WPWT
Pace Project No.: 10668909

QC Batch: 906318 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10668909001, 10668909002, 10668909003, 10668909004, 10668909005

METHOD BLANK: 4772956 Matrix: Water
Associated Lab Samples: 10668909001, 10668909002, 10668909003, 10668909004, 10668909005

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Boron | ug/L | ND | 150 | 09/27/23 10:54 | |
| Sodium | ug/L | ND | 1000 | 09/27/23 10:54 | |

LABORATORY CONTROL SAMPLE: 4772957

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Boron | ug/L | 1000 | 981 | 98 | 80-120 | |
| Sodium | ug/L | 20000 | 18600 | 93 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4772958 4772959

| Parameter | Units | 10668909001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|------|
| Boron | ug/L | 197 | 1000 | 1000 | 1260 | 1240 | 107 | 105 | 75-125 | 2 | |
| Sodium | ug/L | 46200 | 20000 | 20000 | 67700 | 65000 | 108 | 94 | 75-125 | 4 | |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: WPWT
Pace Project No.: 10668909

QC Batch: 907214 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10668909001, 10668909002, 10668909003, 10668909004, 10668909005

METHOD BLANK: 4776522 Matrix: Water
Associated Lab Samples: 10668909001, 10668909002, 10668909003, 10668909004, 10668909005

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| Total Dissolved Solids | mg/L | ND | 10.0 | 09/21/23 12:33 | |

LABORATORY CONTROL SAMPLE: 4776523

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| Total Dissolved Solids | mg/L | 1000 | 1030 | 103 | 80-120 | |

SAMPLE DUPLICATE: 4776524

| Parameter | Units | 10668925001 Result | Dup Result | RPD | Qualifiers |
|------------------------|-------|--------------------|------------|-----|------------|
| Total Dissolved Solids | mg/L | 27.0 | 28.0 | 4 | |

SAMPLE DUPLICATE: 4776525

| Parameter | Units | 10668957001 Result | Dup Result | RPD | Qualifiers |
|------------------------|-------|--------------------|------------|-----|------------|
| Total Dissolved Solids | mg/L | 111 | 113 | 2 | |

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: WPWT
Pace Project No.: 10668909

QC Batch: 906326 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10668909001, 10668909002, 10668909003, 10668909004, 10668909005

METHOD BLANK: 4772984 Matrix: Water
Associated Lab Samples: 10668909001, 10668909002, 10668909003, 10668909004, 10668909005

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Chloride | mg/L | ND | 1.2 | 09/17/23 13:07 | |
| Fluoride | mg/L | ND | 0.050 | 09/17/23 13:07 | |
| Sulfate | mg/L | ND | 1.2 | 09/17/23 13:07 | |

LABORATORY CONTROL SAMPLE: 4772985

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Chloride | mg/L | 50 | 49.9 | 100 | 90-110 | |
| Fluoride | mg/L | 1 | 1.0 | 105 | 90-110 | |
| Sulfate | mg/L | 50 | 50.9 | 102 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4772986 4772987

| Parameter | Units | 10668714014 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|------|
| Chloride | mg/L | <0.44 | 50 | 50 | 48.7 | 49.0 | 97 | 97 | 80-120 | 0 | |
| Fluoride | mg/L | 0.089 | 1 | 1 | 1.1 | 1.1 | 99 | 99 | 80-120 | 1 | |
| Sulfate | mg/L | 12.7 | 50 | 50 | 60.4 | 60.8 | 95 | 96 | 80-120 | 1 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4772988 4772989

| Parameter | Units | 10668567001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Qual |
|-----------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|------|------|
| Chloride | mg/L | 96.4 | 100 | 100 | 170 | 173 | 74 | 77 | 80-120 | 2 M1 | |
| Fluoride | mg/L | 0.15 | 2 | 2 | 2.0 | 2.0 | 90 | 90 | 80-120 | 0 | |
| Sulfate | mg/L | 87.3 | 100 | 100 | 164 | 167 | 76 | 80 | 80-120 | 2 M1 | |

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: WPWT
Pace Project No.: 10668909

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 10668909

[1] The samples were received outside of required temperature range. Analysis was completed upon client approval.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: WPWT
Pace Project No.: 10668909

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-----------|-----------------|----------|-------------------|------------------|
| 10668909001 | 767702 | EPA 3010A | 906318 | EPA 6010D | 906836 |
| 10668909002 | 767706 | EPA 3010A | 906318 | EPA 6010D | 906836 |
| 10668909003 | 767703 | EPA 3010A | 906318 | EPA 6010D | 906836 |
| 10668909004 | 767704 | EPA 3010A | 906318 | EPA 6010D | 906836 |
| 10668909005 | 767705 | EPA 3010A | 906318 | EPA 6010D | 906836 |
| 10668909001 | 767702 | SM 2540C | 907214 | | |
| 10668909002 | 767706 | SM 2540C | 907214 | | |
| 10668909003 | 767703 | SM 2540C | 907214 | | |
| 10668909004 | 767704 | SM 2540C | 907214 | | |
| 10668909005 | 767705 | SM 2540C | 907214 | | |
| 10668909001 | 767702 | EPA 300.0 | 906326 | | |
| 10668909002 | 767706 | EPA 300.0 | 906326 | | |
| 10668909003 | 767703 | EPA 300.0 | 906326 | | |
| 10668909004 | 767704 | EPA 300.0 | 906326 | | |
| 10668909005 | 767705 | EPA 300.0 | 906326 | | |

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Effective Date: 4/14/2023

| | | | |
|---|---|--|-----------------------|
| Sample Condition Upon Receipt | Client Name: <u>Wellington Operating Co</u> | Project #: | WO# : 10668909 |
| Courier: <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Client <input type="checkbox"/> Pace <input type="checkbox"/> Speedee <input type="checkbox"/> Commercial | PM: Y01 Due Date: 09/29/23 CLIENT: Wellington | | |
| Tracking Number: <u>9923 7149 1114</u> | | <input type="checkbox"/> See Exceptions ENV-FRM-MIN4-0142 | |

| | | |
|---|--|---|
| Custody Seal on Cooler/Box Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Biological Tissue Frozen? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Packing Material: <input type="checkbox"/> Bubble Wrap <input type="checkbox"/> Bubble Bags <input checked="" type="checkbox"/> None <input type="checkbox"/> Other | Temp Blank? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| Thermometer: <input type="checkbox"/> T1 (0461) <input type="checkbox"/> T2 (0436) <input type="checkbox"/> T3 (0459) <input type="checkbox"/> T4 (0402) <input type="checkbox"/> T5 (0178) <input type="checkbox"/> T6 (0235) <input type="checkbox"/> T7 (0042) <input type="checkbox"/> T8 (0775) <input checked="" type="checkbox"/> T9 (0727) <input type="checkbox"/> 01339252/1710 | Type of Ice: <input checked="" type="checkbox"/> Wet <input type="checkbox"/> Blue <input type="checkbox"/> Dry <input type="checkbox"/> None <input checked="" type="checkbox"/> Melted | |

| | |
|--|--|
| Did Samples Originate in West Virginia? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Were All Container Temps Taken? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Temp should be above freezing to 6 °C | Average Corrected Temp (no temp blank only): _____ °C |
| Correction Factor: <u>-0.3</u> | Cooler Temp Read w/Temp Blank: <u>7.5</u> °C |
| Cooler Temp Corrected w/temp blank: <u>7.2</u> °C | <input type="checkbox"/> See Exceptions ENV-FRM-MIN4-0142 <input type="checkbox"/> 1 Container |

USDA Regulated Soil: ☒ N/A, water sample/other: _____)

Date/Initials of Person Examining Contents: NV 9/15/23

Did samples originate in a quarantine zone within the United States: AL, AR, AZ CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

| | |
|--|--|
| Location (Check one): <input type="checkbox"/> Duluth <input checked="" type="checkbox"/> Minneapolis <input type="checkbox"/> Virginia | COMMENTS |
| Chain of Custody Present and Filled Out? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Chain of Custody Relinquished? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Sampler Name and/or Signature on COC? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Samples Arrived within Hold Time? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Short Hold Time Analysis (<72 hr)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Rush Turn Around Time Requested? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Sufficient Sample Volume? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Correct Containers Used? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| -Pace Containers Used? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Containers Intact? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Field Filtered Volume Received for Dissolved Tests? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Is sufficient information available to reconcile the samples to the COC? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other | |
| All containers needing acid/base preservation have been checked? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , <2pH, NaOH >9 Sulfide, NaOH >10 Cyanide) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxins/PFAS (*If adding preservative to a container, it must be added to associated field and equipment blanks--verify with PM first.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| Headspace in Methyl Mercury Container? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Extra labels present on soil VOA or WIDRO containers? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Headspace in VOA Vials (greater than 6mm)? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| 3 Trip Blanks Present? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Trip Blank Custody Seals Present? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |

CLIENT NOTIFICATION/RESOLUTION

Person Contacted: _____

Date/Time: _____

Comments/Resolution: Emailed client on OOT samples.Project Manager Review: Yung OzamaDate: 9/15/23

NOTE: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled By: NVLine: 3
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DC#_ Title: ENV-FRM-MIN4-0142 v02_Sample Condition Upon Receipt
(SCUR) Exception Form

Effective Date: 09/22/2022

Workorder #: _____

| No Temp Blank | | |
|---------------|----------------|--------------|
| Read Temp | Corrected Temp | Average temp |
| | | |
| | | |
| | | |
| | | |

| | | |
|---|---|--|
| PM Notified of Out of Temp Cooler? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| If yes, indicate who was contacted, date and time. If no, indicate reason why. | | |
| Y01 9/19/23 13:00 | | |
| Multiple Cooler Project? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

If anything is OVER 6.0° C, you MUST document containers in this section HERE



| Tracking Number | Temperature |
|-----------------|-------------|
| 5923 7148 1114 | 7.2 |
| | |
| | |
| | |
| | |
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| | |
| | |
| | |
| | |

| Out of Temp Sample ID | Container Type | # of Containers |
|-----------------------|----------------|-----------------|
| | | |
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| | | |

| pH Adjustment Log for Preserved Samples | | | | | | | | | | |
|---|------------------|-----------------|---------------|---------------|-------------------|-------------|----------|-------------------------------|-----------------------------|----------|
| Sample ID | Type Of Preserve | pH Upon Receipt | Date Adjusted | Time Adjusted | Amount Added (mL) | Lot # Added | pH After | In Compliance After Addition? | | Initials |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| | | | | | | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |

Comments: