# Login Checklist

RQ-2021-07-05-62

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/08/21 @ 9:25

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with | | Number of Sample Containers in Cooler | Evidence Tape | | | | Waybill Tracking # |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Present? | | *Intact? | | |
| | YES | $HNO_3$ | Formalin | | Yes | No | Yes | No | |
| 1.7°C | | | | 13 | | X | | | 9293 8014 8257 |
| 2.0°C | | | | 10 | | X | | | 9293 8014 8268 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**COOLER CHECK**

***All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.**

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** _____
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** _____

Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes _____ No X

**CONTAINER CHECK**

Evidence Tape on Bottles? Yes ____ No ____ NA X Evidence Tape intact? Yes ____ No ____

If Criminal, photographs taken? Yes ____ No ____ Containers intact? Yes ✓ No ____

Caps on tight? Yes ✓ No ____

Sufficient Sample Volume: Yes ✓ No ____

**If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR#** _____

**CHLORINE CHECK REQUIRED?** *(Blue dot on container)* Yes ✓ No _____ Init: TyLwk

Chlorine detected? *(One container checked per Field ID)* Yes _____ No X Init: TyLwk

**If chlorine is detected, generate an NCR listing affected sample IDs . NCR#** _____

**PRESERVATION CHECK** *(EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")*

**Acid Preserved Samples: pH< 2.0? Yes ✓ No _____ NA _____ Init: TyLwk

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes _____ No _____ NA X Init: TyLwk

**If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR#** _____

**Coolers Unpacked/Checked by:** TyLwk **Date:** 07/08/21 **Event contains NCRs (Y/N)?** Nom

**EventID:** SMP - Stuart Truck - SE-DIST-2021-07-08-01 (SMP)

Date Received: 08-JUL-2021 09:25

# Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date |
|---|---|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/28/2021 |
| pH Test Strips 0 – 6 | N/A |
| pH Paper 0 – 3 | N/A |
| pH Paper 0 – 13 | 210620 EXP:04/15/2023 |
| Chlorine Test Strips | 0261 EXP:05/2023 |

**Additional Comments:**

**ENCORE SAMPLES**

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes_____ Init:_____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ No_____

If no, were samples shipped on dry ice? Yes_____ No_____

**If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR#** _____

**FOR CLEAN LAB USE ONLY** – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

**Date:** 7/7/2021
**Customer:** WQAP
**RQ:** RQ-2021-07-05-62
**Collected By:** Andrew Luering, Sabrina Fischer
**Sampling Agency:** FDEP
**Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped**: 2 **Delivery Method:** FedEx

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location | Field ID/WIN ID |
|---|---|
| South Fork SLR @ Hosford Park | G2SE0043 |
| FB | FB_07072021 |
| Danforth Creek @ Martin Downs | G2SE0059 |
| Roebuck Creek @ Locks | G2SE0029 |
| Danforth Creek @ SW Citrus Blvd. | G2SE0058 |

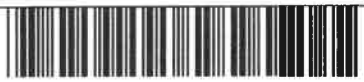
**RELINQUISHED BY(SIGNATURE):**

**DATE/TIME:** 7/7/2021 1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** Tylerh

**Rec'd/Inspected Date:** 07/08/21 @ 9:25

| | |
|---|---|
| RQ-2021-07-05-62 | **Collected By**: Sabrina Fischer, Andrew Luering |
| **Customer**: FDEP | **Field Report Prepared by**: Sabrina Fischer, Andrew Luering |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID:**  **WIN ID/Field ID:** G2SE0043 | **Comments:** |

**Location:**
**Location**: South Fork SLR @ Hosford Park

Matrix: Marine | (Check One) ✓Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 7/7/2021 1340 | 4.84 | 63.1 | 29 | 7.58 | 0.3 | 0.7 | 3.4 | 1553 | 0.78 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA1105060 Exp: 04/30/22 | X Ice X H2SO4* | X <2 | 1 | A |
| Metals (P-500ML) | x W-ICPMS X W-ICP W-HARD<br>Lot # NA0344060 Exp: 01/04/22 | X Ice X HNO3* | X <2 | 1 | A |
| Filtered Nutrients (P125ML) | x W-PO4-F x Field Filtered 0.45 um Filter<br>Filter Lot # 17232873<br>Syringe Lot # 163167 | x Ice | | 1 | A |
| Chlorophyll (BP-1L) | x CHLSUITE-W | x Ice | | 1 | A |
| Physical/Aggregate (Fresh) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | Ice | | | |
| Physical/Aggregate (Marine) (P-1L) | X Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY | x Ice | | 1 | A |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC Formalin Lot # | Formalin | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | |
| Microbiology (Contract Lab Bottle) | E Coli F Coli X Enterococci<br>Contract Lab | x Ice | | 1 | A |
| Molecular (QPCR-P-500ML) | X PCR-HF183 X PCR-BacR X PCR-DG3<br>PCR-GULL2 PCR-GFD | x Ice | | 1 | A |
| Tracers (BG-500ML) | W-E8321-DI W-E8321-MS | Ice | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA ( 5 ml of MCAA** Buffer Solution) W-CT-CL-R | Ice | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | |

| | |
|---|---|
| RQ-2021-07-05-62 | **Collected By**: Sabrina Fischer, Andrew Luering |
| **Customer**: FDEP | **Field Report Prepared by**: Sabrina Fischer, Andrew Luering |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID**:  **WIN ID/Field ID**: FB_07072021 | **Comments**: |
| **Location:** **Location**: FB | |
| Matrix: DI Water | (Check One) ✓Grab ☐ Composite |

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 7/7/2021 1400 | | | | | | | | | |

| Parameter Suite | Parameter Methods | | | | | | Preservation | | | | pH Check | | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | | | | | x | Ice | X | H2SO4* | X | <2 | 1 | C |
| | | Lot # | SA1105060 | | Exp: | 44681 | | | | | | | | |
| Metals (P-500ML) | x | W-ICPMS | X | W-ICP | | W-HARD | x | Ice | X | HNO3* | X | <2 | 1 | C |
| | | Lot # | | | Exp: | NA0344060 | | | | | | | | |
| Filtered Nutrients (P125ML) | x | W-PO4-F | x | Field Filtered 0.45 um Filter | | | x | Ice | | | | | 1 | C |
| | | Filter Lot # | 17232873 | | | | | | | | | | | |
| | | Syringe Lot # | 163167 | | | | | | | | | | | |
| Chlorophyll (BP-1L) | | CHLSUITE-W | | | | | | Ice | | | | | | |
| Physical/Aggregate (Fresh) (P-1L) | | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | | | | | | Ice | | | | | | |
| Physical/Aggregate (Marine) (P-1L) | X | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY | | | | | x | Ice | | | | | 1 | C |
| Macroinvertebrates (PJ-2L) | | MI-FW-QLDC | Formalin Lot # | | | | | Formalin | | | | | | |
| Periphyton (PT-50ML) | | ALGAE-ID | | | | | | Ice | | | | | | |
| Microbiology (Contract Lab Bottle) | | E Coli | | F Coli | | Enterococci | | Ice | | | | | | |
| | | Contract Lab | | | | | | | | | | | | |
| Molecular (QPCR-P-500ML) | | PCR-HF183 | | PCR-BacR | | PCR-DG3 | | Ice | | | | | | |
| | | PCR-GULL2 | | PCR-GFD | | | | | | | | | | |
| Tracers (BG-500ML) | X | W-E8321-DI | X | W-E8321-MS | | | x | Ice | | | | | 1 | C |
| Pesticides (BG-500ML) (BG-1L) | | W-E8321-DI | | W-E8321-MS | | W-PSNP-TQ | | Ice | | | | | | |
| | | W-PCL-TQ-R | | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) | | W-CT-CL-R | | | | | | | | |
| Phytoplankton | | DTY-QN-C | | PKD-QN-BV | | | | Ice | | | | | | |

| | |
|---|---|
| RQ-2021-07-05-62 | **Collected By:** Andrew Luering, Sabrina Fischer |
| **Customer:** FDEP | **Field Report Prepared by:** Andrew Luering, Sabrina Fischer |
| **Project ID:** SMP | **Sampling Agency:** FDEP |
| **WIN ID/Field ID:**  **WIN ID/Field ID:** G2SE0059 | **Comments:** |

**Location:**
**Location:** Danforth Creek @ Martin Downs

Matrix: Fresh | (Check One) ✓Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 7/7/2021 1410 | 7.58 | 97.8 | 28.4 | 7.04 | 0.1 | 0.27 | 0.27 | 598 | 0.29 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP; Lot #: ; Exp: | Ice ☐ H2SO4* ☐ | <2 ☐ | | |
| Metals (P-500ML) | W-ICPMS ☐ W-ICP ☐ W-HARD ☐; Lot #: ; Exp: | Ice ☐ HNO3* ☐ | <2 ☐ | | |
| Filtered Nutrients (P125ML) | W-PO4-F ☐ Field Filtered 0.45 um Filter ☐; Filter Lot #: ; Syringe Lot #: | Ice ☐ | | | |
| Chlorophyll (BP-1L) | CHLSUITE-W ☐ | Ice ☐ | | | |
| Physical/Aggregate (Fresh) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS ☐ | Ice ☐ | | | |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY ☐ | Ice ☐ | | | |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC ☐ Formalin Lot #: | Formalin ☐ | | | |
| Periphyton (PT-50ML) | ALGAE-ID ☐ | Ice ☐ | | | |
| Microbiology (Contract Lab Bottle) | X E Coli ☐ F Coli ☐ Enterococci ☐; Contract Lab | x Ice ☐ | | 1 | B |
| Molecular (QPCR-P-500ML) | PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐; PCR-GULL2 ☐ PCR-GFD ☐ | Ice ☐ | | | |
| Tracers (BG-500ML) | W-E8321-DI ☐ W-E8321-MS ☐ | Ice ☐ | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐; W-PCL-TQ-R ☐ W-CARB-AA ( 5 ml of MCAA** Buffer Solution) ☐ W-CT-CL-R ☐ | Ice ☐ | | | |
| Phytoplankton | DTY-QN-C ☐ PKD-QN-BV ☐ | Ice ☐ | | | |

| | |
|---|---|
| RQ-2021-07-05-62 | **Collected By**: Andrew Luering, Sabrina Fischer |
| **Customer**: FDEP | **Field Report Prepared by**: Andrew Luering, Sabrina Fischer |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID**:  **WIN ID/Field ID**: G2SE0029 | **Comments**: |

**Location:**
**Location**: Roebuck Creek @ Locks

Matrix: Marine (Check One) ✓Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 7/7/2021 1300 | 3.13 | 38.7 | 26 | 7.12 | 0.1 | 0.13 | 0.13 | 580 | 0.28 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | X W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # SA0353110 Exp: | x Ice X H2SO4*<br>01/11/2022 | X | <2 | 1 | A |
| Metals (P-500ML) | x W-ICPMS X W-ICP W-HARD<br>Lot # NA0344060 Exp: | X Ice X HNO3*<br>01/04/2022 | X | <2 | 1 | A |
| Filtered Nutrients (P125ML) | x W-PO4-F x Field Filtered 0.45 um Filter<br>Filter Lot # 17232873<br>Syringe Lot # 9303354 | x Ice | | | 1 | A |
| Chlorophyll (BP-1L) | x CHLSUITE-W | x Ice | | | 1 | A |
| Physical/Aggregate (Fresh) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | Ice | | | | |
| Physical/Aggregate (Marine) (P-1L) | X Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY | x Ice | | | 1 | A |
| Macroinvertebrates (PJ-2L) | MI-FW-QLDC Formalin Lot # | Formalin | | | | |
| Periphyton (PT-50ML) | ALGAE-ID | Ice | | | | |
| Microbiology (Contract Lab Bottle) | E Coli F Coli X Enterococci<br>Contract Lab | x Ice | | | 1 | A |
| Molecular (QPCR-P-500ML) | X PCR-HF183 X PCR-BacR X PCR-DG3<br>PCR-GULL2 PCR-GFD | x Ice | | | 1 | A |
| Tracers (BG-500ML) | W-E8321-DI W-E8321-MS | Ice | | | | |
| Pesticides (BG-500ML) (BG-1L) | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA ( 5 ml of MCAA** Buffer Solution) W-CT-CL-R | Ice | | | | |
| Phytoplankton | DTY-QN-C PKD-QN-BV | Ice | | | | |

| | |
|---|---|
| RQ-2021-07-05-62 | **Collected By**: Andrew Luering, Charlie Hoey |
| **Customer**: FDEP | **Field Report Prepared by**: Andrew Luering, Charlie Hoey |
| **Project ID**: SMP | **Sampling Agency**: FDEP |
| **WIN ID/Field ID**:  **WIN ID/Field ID:** G2SE0058 | **Comments:** |

**Location:**
**Location**: Danforth Creek @ SW Citrus Blvd.

Matrix: Fresh | (Check One) ✓Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTh |
|---|---|---|---|---|---|---|---|---|---|
| 7/7/2021 1435 | 8.02 | 104.4 | 29.2 | 7.48 | 0.1 | 0.21 | 0.21 | 829 | 0.4 |

| Parameter Suite | Parameter Methods | Preservation | pH Check | # Bottles sent to Lab | Bottle Group |
|---|---|---|---|---|---|
| Preserved Nutrients (P-500ML) | ☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # ☐ Exp: | ☐ Ice ☐ H2SO4* | ☐ <2 | | |
| Metals (P-500ML) | ☐ W-ICPMS ☐ W-ICP ☐ W-HARD<br>Lot # ☐ Exp: | ☐ Ice ☐ HNO3* | ☐ <2 | | |
| Filtered Nutrients (P125ML) | ☐ W-PO4-F ☐ Field Filtered 0.45 um Filter<br>Filter Lot # ☐<br>Syringe Lot # ☐ | ☐ Ice | | | |
| Chlorophyll (BP-1L) | ☐ CHLSUITE-W | ☐ Ice | | | |
| Physical/Aggregate (Fresh) (P-1L) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS | ☐ Ice | | | |
| Physical/Aggregate (Marine) (P-1L) | ☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY | ☐ Ice | | | |
| Macroinvertebrates (PJ-2L) | ☐ MI-FW-QLDC Formalin Lot # ☐ | ☐ Formalin | | | |
| Periphyton (PT-50ML) | ☐ ALGAE-ID | ☐ Ice | | | |
| Microbiology (Contract Lab Bottle) | X E Coli ☐ F Coli ☐ Enterococci<br>☐ Contract Lab | x Ice | | 1 | B |
| Molecular (QPCR-P-500ML) | ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3<br>☐ PCR-GULL2 ☐ PCR-GFD | ☐ Ice | | | |
| Tracers (BG-500ML) | ☐ W-E8321-DI ☐ W-E8321-MS | ☐ Ice | | | |
| Pesticides (BG-500ML) (BG-1L) | ☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ<br>☐ W-PCL-TQ-R ☐ W-CARB-AA ( 5 ml of MCAA** Buffer Solution) ☐ W-CT-CL-R | ☐ Ice | | | |
| Phytoplankton | ☐ DTY-QN-C ☐ PKD-QN-BV | ☐ Ice | | | |

# RQ-2021-07-05-62



Date of Request: 23-JUN-2021
Created By: SKAGGS_J On: 23-JUN-2021
Modified By: JASROTIA_P On: 24-JUN-2021
Customer: SE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southeast District
Event Description: SMP - Stuart Truck

**Send Coolers To:**

Phone: (772) 448-5884
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Jordan Skaggs
Cooler Ship EMail: jordan.skaggs@FloridaDEP.gov

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 24-JUN-2021
Biology Request Reviewed By: JASROTIA_P On: 24-JUN-2021
Sampling Kit Required: YES Ship on: 28-JUN-2021
Sampling Kit Shipped: YES On: 28-JUN-2021
Sampling Kit Packed By: JONES_N
Preservatives Needed: YES
Date to Receive Samples: 08-JUL-2021
Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Drew Liddick
Report Notification EMail:
drew.liddick@FloridaDEP.gov;jordan.skaggs@floridadep.gov;andrew.luering@floridadep.gov

Comments:

Group A -
3210E - G2SE0029 (3m nut, entero, metals, PCR, tracers) Get photos

3210C - G2SE0043 (3m nut, entero, metals, PCR, tracers)

Group B -
3215 - G2SE0058 (ecoli)
3215 - G2SE0059(ecoli)

Group C
Field Blank - (3m nut, metals, tracers)

3 nut, 2 entero, 2 ecoli, 2 PCR, 3 tracers

1 - case nitric acid
1 - case sulfuric acid

## Bottle Group A (Water) With 2 Samples:

| | | |
|---|---|---|
| Bottle Type: P-1L | Number of Bottles: 2 | Preserved With: ICE |
| ALKALINITY | Template: DEFAULT | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L |
| TURBIDITY | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices |
| W-F | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS | Template: DEFAULT | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |
| Bottle Type: BP-1L | Number of Bottles: 2 | Preserved With: ICE |
| CHLSUITE-W | Template: DEFAULT | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE |
| ENT-24-QT | Template: DEFAULT | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems |
| Bottle Type: QPCR-P-500ML | Number of Bottles: 2 | Preserved With: ICE |
| PCR-BACR | Template: DEFAULT | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |

## Bottle Group A (Water) With 2 Samples:

Bottle Type: QPCR-P-500ML — Number of Bottles: 2 — Preserved With: ICE

| | | |
|---|---|---|
| PCR-DG3 | Template: DEFAULT | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction |
| PCR-HF183 | Template: DEFAULT | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction |

Bottle Type: BG-500ML — Number of Bottles: 2 — Preserved With: ICE

| | | |
|---|---|---|
| W-E8321-DI | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

Bottle Type: P-500ML — Number of Bottles: 2 — Preserved With: HNO3

| | | |
|---|---|---|
| W-ICP | Template: | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

- Calcium
- Iron
- Magnesium
- Manganese
- Zinc

| | | |
|---|---|---|
| W-ICPMS | Template: | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

Bottle Type: P-500ML — Number of Bottles: 2 — Preserved With: ICE And H2SO4

| | | |
|---|---|---|
| W-NH3 | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L |
| W-NO2NO3 | Template: DEFAULT | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L |
| W-S-A-TP | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN | Template: DEFAULT | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices |
| W-TOC | Template: DEFAULT | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices |

Bottle Type: P-125ML — Number of Bottles: 2 — Preserved With: FILTER-ICE

| | | |
|---|---|---|
| W-PO4-F | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

## Bottle Group B (Water) With 2 Samples:

Bottle Type: P-250ML-WO-THI — Number of Bottles: 2 — Preserved With: ICE

| | | |
|---|---|---|
| ECOLI-18QT | Template: DEFAULT | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

## Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L — Number of Bottles: 1 — Preserved With: ICE

| | | |
|---|---|---|
| ALKALINITY | Template: DEFAULT | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L |
| TURBIDITY | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices |
| W-F | Template: DEFAULT | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS | Template: DEFAULT | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |

Bottle Type: BG-500ML — Number of Bottles: 1 — Preserved With: ICE

| | | |
|---|---|---|
| W-E8321-DI | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS | Template: DEFAULT | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

Bottle Type: P-500ML — Number of Bottles: 1 — Preserved With: HNO3

| | | |
|---|---|---|
| W-ICP | Template: | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

- Calcium
- Iron
- Magnesium
- Manganese
- Zinc

**Bottle Group C (Water) With 1 Samples:**

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

- Aluminum
- Antimony
- Arsenic
- Beryllium
- Cadmium
- Chromium
- Copper
- Lead
- Nickel
- Selenium
- Silver
- Thallium

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And H2SO4

| | | |
|---|---|---|
| W-NH3 | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L |
| W-NO2NO3 | Template: DEFAULT | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L |
| W-S-A-TP | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN | Template: DEFAULT | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices |
| W-TOC | Template: DEFAULT | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices |

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: FILTER-ICE

| | | |
|---|---|---|
| W-PO4-F | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.