

RQ- 2023-07-31-28

## Login Checklist

Login Station ID: 5Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 9/12/23 @ 9:08

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |        |          |    | Waybill Tracking #           |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|--------|----------|----|------------------------------|
|                     |                 |                                        |          |                                       | Present?      |        | *Intact? |    |                              |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No     | Yes      | No |                              |
| 3.0<br>1.3          |                 |                                        |          | 14<br>9                               |               | X<br>X |          |    | 648484581540<br>648484581550 |
|                     |                 |                                        |          |                                       |               |        |          |    |                              |
|                     |                 |                                        |          |                                       |               |        |          |    |                              |
|                     |                 |                                        |          |                                       |               |        |          |    |                              |
|                     |                 |                                        |          |                                       |               |        |          |    |                              |
|                     |                 |                                        |          |                                       |               |        |          |    |                              |
|                     |                 |                                        |          |                                       |               |        |          |    |                              |

COOLER CHECK

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> 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 X 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 X Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

Yes X No \_\_\_\_\_

Sufficient Sample Volume:

Yes X 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 X No \_\_\_\_\_ Init: C-P

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: C-P

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 &lt; 2.0?

Yes X No \_\_\_\_\_ NA \_\_\_\_\_ Init: C-P

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 4.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: C-P

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

Coolers Unpacked/Checked by: C-PDate: 9/12/23Event contains NCRs (Y/N)? N

Event ID:

SW-DIST-2023-09-12-01 (SMP)

Date Received: 12-SEP-2023 09:08

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                     |
|--------------------------|---------------------|
| Infrared Thermometer ID: | 221426058 10/17/23  |
| pH Test Strips 0 – 6     | 207621 03/15/2024   |
| pH Paper 0 – 3           | NA                  |
| pH Paper 0 – 13          | 20762103 03/15/2024 |
| Chlorine Test Strips     | 1196 02/2024        |

### 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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 9/11/2023  
**Customer:** SW-DIST  
**RQ:** RQ-2023-07-31-28

**Collected By:** Ben Paswater, Devin Mathias  
**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                                                                                  |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------|
| CHASSAHOWITZKA RIVER DOWNSTREAM OF HOUSES     | <br>G5SW0065   |
| HOMOSASSA RIVER DOWNRIVER STREAM OF BOAT RAMP | <br>G5SW0189   |
| LAKE ROUSSEAU AT CENTER                       | <br>G4SW0118 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 9/11/2023  
1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected

Date: 9-11-23



|                                                                                                                                 |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| RQ-2023-07-31-28                                                                                                                | Collected By: Ben Paswater, Devin Mathias             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Ben Paswater, Devin Mathias |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                 |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5SW0065 | Comments:                                             |

Location: CHASSAHOWITZKA RIVER DOWNSTREAM OF HOUSES

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L)         | DO (%SAT)                                                                    | Temp. °C       | pH                                       | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH)       |              |    |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|----------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|
| 9/11/2023<br>1100                  | 5.3               | 71.1                                                                         | 28.3           | 7.62                                     | 0.3              | 0.8          | 1.7             | 14115               | 8.03                  |              |    |   |
| 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  | B |
|                                    |                   | Lot #                                                                        |                | 143722                                   | Exp:             | 01/22/2024   |                 |                     |                       |              |    |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |                | W-ICP                                    | W-HARD           |              | Ice             |                     | HNO3*                 |              | <2 |   |
|                                    |                   | Lot #                                                                        |                |                                          | Exp:             |              |                 |                     |                       |              |    |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |                | Field Filtered 0.45 um Filter            |                  |              | Ice             |                     |                       |              |    |   |
|                                    |                   | Filter Lot #                                                                 |                | Syringe Lot #                            |                  |              |                 |                     |                       |              |    |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                |                                          |                  |              | Ice             |                     |                       |              |    |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                |                                          |                  | X            | Ice             |                     |                       | 1            | B  |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |                  | X            | Ice             |                     |                       | 1            | B  |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / 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) |                   | E Coli                                                                       | X              | F Coli                                   | X                | Enterococci  | X               | Ice                 |                       | 2            | B  |   |
|                                    |                   | Contract Lab                                                                 |                |                                          |                  |              |                 |                     |                       |              |    |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                | PCR-BacR                                 | PCR-DG3          |              | Ice             |                     |                       |              |    |   |
|                                    |                   | PCR-GULL2                                                                    |                | PCR-GFD                                  |                  |              |                 |                     |                       |              |    |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |                | W-E8321-MS                               |                  |              | Ice             |                     |                       |              |    |   |
|                                    |                   | W-E8321-DI                                                                   |                | W-E8321-MS                               |                  |              | Ice             | MCAA Exp.           | MCAA Lot#             |              |    |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-PCL-TQ-R                                                                   |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  |              | Ice             |                     |                       |              |    |   |
|                                    |                   | W-TR-SQ-R                                                                    |                | W-PCB-TQ-R                               |                  |              |                 |                     |                       |              |    |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                     |                | PKD-QN-BV                                |                  |              | Ice             |                     |                       |              |    |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                        |                | Field Filtered 0.45 um Filter            |                  |              | Ice             |                     | H2SO4*                |              | <2 |   |
|                                    |                   |                                                                              |                | Acid Preservative Expiration Date        |                  |              |                 |                     |                       |              |    |   |
|                                    |                   |                                                                              |                | Acid Preservative Lot Number             |                  |              |                 |                     |                       |              |    |   |



RQ-2023-07-31-28

Collected By: Ben Paswater, Devin Mathias

Customer: FDEP

Field Report Prepared by: Ben Paswater, Devin Mathias

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G5SW0189

Comments:

Location: HOMOSASSA RIVER DOWNRIVER STREAM OF BOAT RAMP

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 9/11/2023 1255      | 6.57      | 88.5      | 29       | 7.63 | 0.3              | 0.6          | 1.2             | 11841              | 6.71            |

| 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 #                                                                       | 143722                                   | Exp:          | 01/22/2024     |           |           |                       |              |
| Metals (P-500ML)                   | X                 | W-ICPMS X W-ICP X W-HARD                                                    |                                          |               | X Ice X HNO3*  | X         | <2        | 1                     | C            |
|                                    |                   | Lot #                                                                       | NA3123030                                | Exp:          | 05/10/2024     |           |           |                       |              |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F Field Filtered 0.45 um Filter                                       |                                          |               | Ice            |           |           |                       |              |
|                                    |                   | Filter Lot #                                                                |                                          | Syringe Lot # |                |           |           |                       |              |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                                          |               | Ice            |           |           |                       |              |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                          |               | X Ice          |           |           | 1                     | C            |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |               | X Ice          |           |           | 1                     | C            |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / 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) |                   | E Coli X                                                                    | F Coli X                                 | Enterococci   | X Ice          |           |           | 2                     | C            |
|                                    |                   | Contract Lab                                                                |                                          |               |                |           |           |                       |              |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                   | PCR-BacR                                 | PCR-DG3       | Ice            |           |           |                       |              |
|                                    |                   | PCR-GULL2                                                                   | PCR-GFD                                  |               |                |           |           |                       |              |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                  | W-E8321-MS                               |               | Ice            |           |           |                       |              |
|                                    |                   | W-E8321-DI                                                                  | W-E8321-MS                               | W-PSNP-TQ     |                | MCAA Exp. | MCAA Lot# |                       |              |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) | W-CT-CL-R     | Ice            |           |           |                       |              |
|                                    |                   | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |               |                |           |           |                       |              |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                    | PKD-QN-BV                                |               | Ice            |           |           |                       |              |
| DOC (P-500ML)                      |                   | W-DOC                                                                       | Field Filtered 0.45 um Filter            |               | Ice            |           | H2SO4*    | <2                    |              |
|                                    |                   |                                                                             | Acid Preservative Expiration Date        |               |                |           |           |                       |              |
|                                    |                   |                                                                             | Acid Preservative Lot Number             |               |                |           |           |                       |              |



RQ-2023-07-31-28

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G4SW0118

Comments:

Location: LAKE ROUSSEAU AT CENTER

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 9/11/2023<br>1420   | 13.1      | 172.4     | 30.2     | 8.77 | 0.3              | 0.5          | 1.3             | 271.6               | 0.12            |

  

| 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  | A |  |
|                                    |                                   | Lot #                                                                       |                               | 143722                                   | Exp:          | 01/22/2024 |          |        |                       |              |    |   |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                     |                               | W-ICP                                    | W-HARD        |            | Ice      |        | HNO3*                 |              | <2 |   |  |
|                                    |                                   | Lot #                                                                       |                               | Exp:                                     |               |            |          |        |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                     |                               | Field Filtered 0.45 µm Filter            |               |            | Ice      |        |                       |              |    |   |  |
|                                    |                                   | Filter Lot #                                                                |                               |                                          | Syringe Lot # |            |          |        |                       |              |    |   |  |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                  |                               |                                          |               |            | Ice      |        |                       |              |    |   |  |
| Chlorophyll (BP-1L)                | X                                 | CHLSUTE-W                                                                   |                               |                                          |               | X          | Ice      |        |                       | 1            | A  |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                               |                                          |               | X          | Ice      |        |                       | 1            | A  |   |  |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / 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) |                                   | 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)                 |                                   | W-E8321-DI                                                                  |                               | W-E8321-MS                               |               |            | Ice      |        |                       |              |    |   |  |
| Pesticides (BG-500ML) (BG-1L)      | X                                 | W-E8321-DI                                                                  | X                             | W-E8321-MS                               | X             | W-PSNP-TQ  | X        | Ice    | MCAA Exp.             | MCAA Lot#    | 9  | A |  |
|                                    | X                                 | W-PCL-TQ-R                                                                  |                               | W-CARB-AA (5 ml of MCAA Buffer Solution) | X             | W-CT-CL-R  |          |        |                       |              |    |   |  |
|                                    | X                                 | W-TR-SQ-R                                                                   | X                             | W-PCB-TQ-R                               |               |            |          |        |                       |              |    |   |  |
| Phytoplankton (BP-1L)              |                                   | DTY-QN-C                                                                    |                               | PKD-QN-BV                                |               |            | Ice      |        |                       |              |    |   |  |
| DOC (P-500ML)                      |                                   | W-DOC                                                                       | Field Filtered 0.45 µm Filter |                                          |               |            | Ice      |        | H2SO 4*               |              | <2 |   |  |
|                                    | Acid Preservative Expiration Date |                                                                             |                               |                                          |               |            |          |        |                       |              |    |   |  |
|                                    | Acid Preservative Lot Number      |                                                                             |                               |                                          |               |            |          |        |                       |              |    |   |  |

Date of Request: 13-JUL-2023  
 Created By: PASWATER\_B On: 13-JUL-2023  
 Modified By: AYRES\_J On: 18-JUL-2023  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Event Description: Run 1

**Send Coolers To:**

Phone: 813-632-7600  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Ben Paswater  
 Cooler Ship Email: benjamin.paswater@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 18-JUL-2023  
 Biology Request Reviewed By: SWANSON\_C On: 14-JUL-2023  
 Sampling Kit Required: YES Ship on: 28-JUL-2023  
 Sampling Kit Shipped: YES On: 27-JUL-2023  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 31-JUL-2023  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Ben Paswater  
 Report Notification Email:  
 benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us  
 ;Devin.Mathias@Floridadep.gov

**Comments:****Bottle Group A (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 CaCO <sub>3</sub> /L                              |
| TURBIDITY                     | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC                       | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR                       | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)                  |                      |                                                                                                         |
| W-F                           | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC                      | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                         | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                         | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L            | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| CHLSUITE-W                    | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                                     |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization         |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                          |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS            |
| 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: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                 |
| Bottle Type: P-500ML          | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                  |
| 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: BG-500ML         | Number of Bottles: 4 | Preserved With: ICE                                                                                     |

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

|                       |                      |                                                                                        |
|-----------------------|----------------------|----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 4 | Preserved With: ICE                                                                    |
| W-PSNP-TQ             | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS     |
| W-TR-SQ-R             | Template: DEFAULT    | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM |

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

|                             |                      |                                                                                                         |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| FCOLI-MF                    | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems                   |
| 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-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-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)                |                      |                                                                                                         |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert 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-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |
| Color (true)                |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                          |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                   |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| FCOLI-MF                    | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems                                                          |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template: SMP-FRESH  | (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                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Vanadium             |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Barium               |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Boron                |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Molybdenum           |                      |                                                                                                                                                |
| 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                                                                               |

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

