

## Klug, Kyle

---

**From:** Klug, Kyle  
**Sent:** Friday, February 25, 2022 4:03 PM  
**To:** Luering, Andrew; Liddick, Drew  
**Subject:** RE: RQ-2022-02-21-69\_02232022\_Andrew Luering\_CustodySheet

Good afternoon,

Unfortunately these 4 coolers arrived late via FedEx due to weather. I logged these in based on the SMP protocol, all of the short-holds collected before 12:00pm were not logged in. Please let me know if you have any questions.

Thank you,  
Kyle

**From:** Luering, Andrew <Andrew.Luering@FloridaDEP.gov>  
**Sent:** Wednesday, February 23, 2022 1:46 PM  
**To:** Lab.Receiving <Lab.Receiving@floridadep.gov>  
**Cc:** Liddick, Drew <Drew.Liddick@FloridaDEP.gov>  
**Subject:** RQ-2022-02-21-69\_02232022\_Andrew Luering\_CustodySheet



**Andrew Luering**

**Environmental Specialist II**

Southeast Regional Operation Center

Florida Department of Environmental Protection

Department of Environmental Assessment and  
Restoration

2199 South Rock Road

Fort Pierce, FL 34945

[Andrew.Luering@floridadep.gov](mailto:Andrew.Luering@floridadep.gov)

Office: 772.448.5881

# Login Checklist

RQ- 2022-02-21-69

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/ 25 /22 @ 11:23

| *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 |                    |
| 1.1                 |                 |                                        |          | 14                                    |               | ✓  |          |    | 5225 5544 2532     |
| -0.2                |                 |                                        |          | 7                                     |               | ✓  |          |    | 5225 5543 2108     |
| 4.6                 |                 |                                        |          | 10                                    |               | ✓  |          |    | 5225 5544 2500     |
| 1.8                 |                 |                                        |          | 14                                    |               | ✓  |          |    | 5225 5544 2521     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 ✓ No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes \_\_\_\_\_ No ✓

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ✓

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: 16K

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ✓ Init: 16K

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: 16K

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ✓ Init: 16K

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# 9279

Coolers Unpacked/Checked by:

KK

Date: 2/ 25 /22

Event contains NCRs (Y/N)? Y

Event ID:

Stuart/Stuart Deploy  
SE-DIST-2022-02-25-01 (SMP)

Date Received: 25-FEB-2022 11:23

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-19-22 |
| pH Test Strips 0 – 6     | Lot#223819 EXP:8-30-23      |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#207621 EXP:3-15-24      |
| Chlorine Test Strips     | Lot#0070 EXP:2-23           |

### Additional Comments:

Took 1 chl bottle  
Jillian Hailey  
2/29/22 11:48

### 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: \_\_\_\_\_

ENT G25E0069 2.25.22 AE  
ECOLI G25E0038 @ 11:30

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 2/23/2022 **Collected By:** Andrew Luering, Drew Liddick  
**Customer:** \_\_\_\_\_ **Sampling Agency:** FDEP  
**RQ:** RQ-2022-02-21-69 **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:** 4 **Delivery Method:** FedEx

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

| Site Location                          | Field ID/WIN ID                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| Danforth Creek @ SW Citrus Blvd.       | <br>G2SE0058   |
| Danforth Creek @ Martin Hwy            | <br>G2SE0018   |
| Danforth Creek @ Martin Downs          | <br>G2SE0059 |
| Bessey Creek @ Murphy                  | <br>G2SE0017 |
| Manatee Pocket North                   | <br>G2SE0063 |
| Willoughby Creek                       | <br>G2SE0034 |
| Krueger Creek near Commissioner's Park | <br>G2SE0069 |
| Warner Creek @ 24th                    | <br>G2SE0038 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/23/2022  
1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *kh*

Rec'd/Inspected

Date: 2-25-22 / 1123



RQ-2022-02-21-69

Collected By: Andrew Luering, Drew Liddick

Customer: FDEP

Field Report Prepared by: Andrew Luering, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G2SE0018

Comments:

Location:

Location: Danforth Creek @ Martin Hwy

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 (PPT <sub>h</sub> ) |                       |              |   |   |     |   |   |   |   |
|------------------------------------|-----------|------------------------------------------------------------------------------|------------------------------------------|------------|-------------------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|---|---|-----|---|---|---|---|
| 2/23/2022 930                      | 4.95      | 55.9                                                                         | 21.1                                     | 7.14       | 0.05                          | 0.11         | 0.11            | 567                 | 0.27                         |                       |              |   |   |     |   |   |   |   |
| 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 #                                                                        |                                          | SA1105060  |                               | Exp:         |                 | 04/30/2022          |                              |                       |              |   |   |     |   |   |   |   |
| Metals (P-500ML)                   |           | W-ICPMS                                                                      |                                          | W-ICP      |                               | W-HARD       |                 | Ice                 | HNO3*                        |                       | <2           |   |   |     |   |   |   |   |
|                                    |           | Lot #                                                                        |                                          |            |                               | Exp:         |                 |                     |                              |                       |              |   |   |     |   |   |   |   |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                      |                                          | X          | Field Filtered 0.45 µm Filter |              | x               | Ice                 |                              |                       |              | 1 | B |     |   |   |   |   |
|                                    |           | Filter Lot #                                                                 | 17232873                                 |            | Syringe Lot #                 | 1145471      |                 |                     |                              |                       |              |   |   |     |   |   |   |   |
| 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-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  |                 | x                   |                              |                       |              |   |   | Ice |   |   | 1 | B |
|                                    |           | 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 | B |     |   |   |   |   |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                   | W-E8321-MS                               |            | W-PSNP-TQ                     |              |                 | Ice                 | MCAA Exp.                    | MCAA Lot#             |              |   |   |     |   |   |   |   |
|                                    |           | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | W-CT-CL-R                     |              |                 |                     |                              |                       |              |   |   |     |   |   |   |   |
|                                    |           | W-TR-SQ-R                                                                    |                                          | W-PCB-TQ-R |                               |              |                 |                     |                              |                       |              |   |   |     |   |   |   |   |
| Phytoplankton                      |           | DTY-QN-C                                                                     |                                          | PKD-QN-BV  |                               |              |                 | Ice                 |                              |                       |              |   |   |     |   |   |   |   |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2022-02-21-69                                                                                                                | Collected By: Andrew Luering, Drew Liddick             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Andrew Luering, Drew Liddick |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2SE0017 | Comments:                                              |

**Location:**  
Location: Bessey Creek @ Murphy

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 (PPT)        |              |   |  |  |
|------------------------------------|-----------|------------------------------------------------------------------------------|------------------------------------------|------------|------------------|--------------|-------------------------------|---------------------|-----------------------|--------------|---|--|--|
| 2/23/2022<br>1000                  | 2.25      | 27.9                                                                         | 22.4                                     | 7.11       | 0.3              | 1.3          | 1.88                          | 17730               | 10.63                 |              |   |  |  |
| 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*                |              |   |  |  |
|                                    |           | Lot #                                                                        | SA1105060                                |            | Exp:             | 04/30/2022   |                               | X                   | <2                    | 1            | A |  |  |
| Metals (P-500ML)                   | X         | W-ICPMS                                                                      |                                          | X          | W-ICP            | W-HARD       | X                             | Ice                 | X                     | HNO3*        |   |  |  |
|                                    |           | Lot #                                                                        | NA1105100                                |            | Exp:             | 06/07/2023   |                               | X                   | <2                    | 1            | A |  |  |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                      |                                          |            |                  | X            | Field Filtered 0.45 µm Filter |                     |                       | 1            | A |  |  |
|                                    |           | Filter Lot #                                                                 | 17232873                                 |            | Syringe Lot #    | 1145471      |                               |                     |                       |              |   |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                   |                                          |            |                  |              | Ice                           |                     |                       |              |   |  |  |
| 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  | X                             | Ice                 |                       | 1            | A |  |  |
|                                    |           | Contract Lab                                                                 |                                          |            |                  |              |                               |                     |                       |              |   |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                    |                                          |            | PCR-BacR         |              | PCR-DG3                       |                     |                       |              |   |  |  |
|                                    |           | PCR-GULL2                                                                    |                                          |            | PCR-GFD          |              |                               |                     |                       |              |   |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                   |                                          |            | W-E8321-MS       |              |                               | Ice                 |                       |              |   |  |  |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                   | W-E8321-MS                               |            | W-PSNP-TQ        |              |                               | Ice                 | MCAA Exp.             | MCAA Lot#    |   |  |  |
|                                    |           | W-PCL-TQ-R                                                                   | W-CAR8-AA (5 ml of MCAA Buffer Solution) |            | W-CT-CL-R        |              |                               |                     |                       |              |   |  |  |
|                                    |           | W-TR-SQ-R                                                                    |                                          | W-PCB-TQ-R |                  |              |                               |                     |                       |              |   |  |  |
| Phytoplankton                      |           | DTY-QN-C                                                                     |                                          | PKD-QN-BV  |                  |              |                               | Ice                 |                       |              |   |  |  |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2022-02-21-69                                                                                                                | Collected By: Andrew Lueling, Drew Liddick             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Andrew Lueling, Drew Liddick |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2SE0063 | Comments:                                              |

**Location:**  
Location: Manatee Pocket North

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 |                       |              |    |   |     |
|------------------------------------|-----------|------------------------------------------------------------------------------|----------------|------------------------------------------|-------------------------------|--------------|-----------------|---------------------|----------------|-----------------------|--------------|----|---|-----|
| 2/23/2022 1045                     | 4.62      | 66.4                                                                         | 23.9           | 7.62                                     | 0.3                           | 0.7          | 1.24            | 48280               | 31.52          |                       |              |    |   |     |
| 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  | E |     |
|                                    |           | Lot #                                                                        |                | SA1105060                                |                               | Exp:         | 04/30/2022      |                     |                |                       |              |    |   |     |
| Metals (P-500ML)                   | X         | W-ICPMS                                                                      |                | X                                        | W-ICP                         | W-HARD       | X               | Ice                 | X              | HNO3*                 | X            | <2 | 1 | E   |
|                                    |           | Lot #                                                                        |                | NA1105100                                |                               | Exp:         | 06/07/2022      |                     |                |                       |              |    |   |     |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                      |                | X                                        | Field Filtered 0.45 µm Filter |              | X               | Ice                 |                |                       |              |    |   |     |
|                                    |           | Filter Lot #                                                                 | 17232873       | Syringe Lot #                            | 1145471                       |              |                 |                     |                |                       |              |    |   |     |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                   |                |                                          |                               |              | Ice             |                     |                |                       |              |    |   |     |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                   |                |                                          |                               | X            | Ice             |                     |                |                       |              |    |   |     |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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             |                     |                |                       |              |    |   |     |
| 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     | X                   |                |                       |              |    |   | 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)      |           | W-E8321- DI                                                                  |                | W-E8321-MS                               |                               | X            | W-PSNP-TQ       | X                   | Ice            | MCAA Exp.             | MCAA Lot#    | 2  | H |     |
|                                    |           | W-PCL-TQ-R                                                                   |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               |              | W-CT-CL-R       |                     |                |                       |              |    |   |     |
|                                    |           | W-TR-SQ-R                                                                    |                | W-PCB-TQ-R                               |                               |              |                 |                     |                |                       |              |    |   |     |
| Phytoplankton                      |           | DTY-QN-C                                                                     |                |                                          | PKD-QN-BV                     |              |                 | Ice                 |                |                       |              |    |   |     |



RQ-2022-02-21-69

Collected By: Andrew Luering, Drew Liddick

Customer: FDEP

Field Report Prepared by: Andrew Luering, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SE0034

Comments:

Location:

Location: Willoughby Creek

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 (PPT <sub>h</sub> ) |              |           |    |   |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|-----------|------------------------------------------|-------------------------------|--------------|-----------------|---------------------|------------------------------|--------------|-----------|----|---|---|
| 2/23/2022 1115                     | 2.68         | 37.4                                                                         | 23.5      | 7.51                                     | 0.2                           | 0.45         | 0.45            | 47668               | 31.07                        |              |           |    |   |   |
| 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  | D |   |
|                                    | Lot #        |                                                                              | SA1105060 |                                          | Exp:                          | 04/30/2022   |                 |                     |                              |              |           |    |   |   |
| Metals (P-500ML)                   | X            | W-ICPMS                                                                      |           | X                                        | W-ICP                         | W-HARD       | X               | Ice                 | X                            | HNO3*        | X         | <2 | 1 | D |
|                                    | Lot #        |                                                                              | NA105100  |                                          | Exp:                          | 06/07/2022   |                 |                     |                              |              |           |    |   |   |
| Filtered Nutrients (P125ML)        | X            | W-PO4-F                                                                      |           | X                                        | Field Filtered 0.45 µm Filter |              | X               | Ice                 |                              |              |           | 1  | D |   |
|                                    | Filter Lot # | 17232873                                                                     |           | Syringe Lot #                            | 1145471                       |              |                 |                     |                              |              |           |    |   |   |
| BOD (BP-1L)                        |              | OV-BODUNIN                                                                   |           |                                          |                               |              | Ice             |                     |                              |              |           |    |   |   |
| Chlorophyll (BP-1L)                | X            | CHLSUITE-W                                                                   |           |                                          |                               | X            | Ice             |                     |                              | 1            | D         |    |   |   |
| 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            | D         |    |   |   |
| 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     | X                   |                              | Ice          |           | 1  | D |   |
|                                    | 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# | 10 | D |   |
|                                    | X            | W-PCL-TQ-R                                                                   | X         | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | X            | W-CT-CL-R       |                     |                              |              |           |    |   |   |
|                                    | W-TR-SQ-R    |                                                                              |           | W-PCB-TQ-R                               |                               |              |                 |                     |                              | 12/20/2022   | 118437    |    |   |   |
| Phytoplankton                      |              | DTY-QN-C                                                                     |           |                                          | PKD-QN-BV                     |              |                 | Ice                 |                              |              |           |    |   |   |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2022-02-21-69                                                                                                                | Collected By: Andrew Lueling, Drew Liddick             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Andrew Lueling, Drew Liddick |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2SE0069 | Comments:                                              |

**Location:**  
**Location:** Krueger Creek near Commissioner's Park

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 2/23/2022 1200      | 6.31      | 86.6      | 24.2     | 7.56 | 0.15             | 0.32         | 0.32            | 38617              | 24.56           |

| 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     | E |    |   |   |
|                                    |                   | Lot #                                                                     |                | SA1105060                                | Exp:                          | 04/30/2022  |          |        |                       |              |       |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                   |                | X                                        | W-ICP                         |             | W-HARD   | X      | Ice                   | X            | HNO3* | X | <2 | 1 | E |
|                                    |                   | Lot #                                                                     |                | NA1105100                                | Exp:                          | 06/07/2022  |          |        |                       |              |       |   |    |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                   |                | X                                        | Field Filtered 0.45 µm Filter |             | X        | Ice    |                       |              | 1     | E |    |   |   |
|                                    |                   | Filter Lot #                                                              | 1723873        | Syringe Lot #                            | 1145471                       |             |          |        |                       |              |       |   |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                |                |                                          |                               |             | Ice      |        |                       |              |       |   |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                |                |                                          |                               | X           | Ice      |        |                       | 1            | E     |   |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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) |                   | E Coli                                                                    |                | F Coli                                   | X                             | Enterococci | X        | Ice    |                       |              | 1     | E |    |   |   |
|                                    |                   | Contract Lab                                                              |                |                                          |                               |             |          |        |                       |              |       |   |    |   |   |
| 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   |          | Ice    | MCAA Exp.             | MCAA Lot#    |       |   |    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R   |          |        |                       |              |       |   |    |   |   |
|                                    |                   | W-TR-SQ-R                                                                 |                | W-PCB-TQ-R                               |                               |             |          |        |                       |              |       |   |    |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                  |                |                                          | PKD-QN-BV                     |             |          | Ice    |                       |              |       |   |    |   |   |



RQ-2022-02-21-69

Collected By: Andrew Luering, Drew Liddick

Customer: FDEP

Field Report Prepared by: Andrew Luering, Drew Liddick

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G2SE0038

Comments:

Location:

Location: Warner Creek @ 24th

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 (PPT) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 2/23/2022<br>1230   | 9.95      | 120.3     | 25       | 6.9 | 0.17             | 0.35         | 0.35            | 335.7               | 0.16           |

  

| 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 µm Filter<br>Filter Lot # _____ Syringe Lot # _____                                                  | Ice                     |          |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                                                                         | 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                     | F            |
| 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<br>W-TR-SQ-R / W-PCB-TQ-R | Ice MCAA Exp. MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C / PKD-QN-BV                                                                                                               | Ice                     |          |                       |              |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2022-02-21-69                                                                                                                | Collected By: Andrew Luering, Drew Liddick             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Andrew Luering, Drew Liddick |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>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. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 2/23/2022<br>900    | 3.84      | 43.5      | 20.9     | 7.19 | 0.15             | 0.1          | 0.3             | 1067                | 0.53           |

  

| 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 µm Filter<br>Filter Lot #      Syringe Lot #                                                                     | Ice                               |          |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                                                                                        | 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                     | C            |
| 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<br>W-TR-SQ-R      W-PCB-TQ-R | Ice      MCAA Exp.      MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C      PKD-QN-BV                                                                                                                           | Ice                               |          |                       |              |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2022-02-21-69                                                                                                                | Collected By: Andrew Luering, Drew Liddick             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Andrew Luering, Drew Liddick |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>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) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 2/23/2022<br>945    | 1.29      | 16.2      | 22.4    | 6.86 | 0.3              | 0.4          | 0.58            | 21163               | 12.75           |

| 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 µm Filter<br>Filter Lot # Syringe Lot #                                                      | Ice                     |          |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                                                               | Ice                     |          |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                                                               | Ice                     |          |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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 Contract Lab F Coli Enterococci                                                                                 | x Ice                   |          | 1                     | C            |
| 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 W-P5NP-TQ                                                                                          | Ice                     |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-P5NP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice MCAA Exp. MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C PKD-QN-BV                                                                                                       | Ice                     |          |                       |              |

Date of Request: 07-FEB-2022  
 Created By: LUERING\_A On: 07-FEB-2022  
 Modified By: AYRES\_J On: 08-FEB-2022  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: Stuart/Stuart Deploy

**Send Coolers To:**

Phone: (772) 380-5572  
 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: AYRES\_J On: 08-FEB-2022  
 Biology Request Reviewed By: AYRES\_J On: 08-FEB-2022  
 Sampling Kit Required: YES Ship on: 11-FEB-2022  
 Sampling Kit Shipped: YES On: 11-FEB-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: YES  
 Date to Receive Samples: 24-FEB-2022  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Report Notification EMail:  
 Jordan.Skaggs@FloridaDEP.gov; Drew.Liddick@FloridaDEP.gov;  
 Andrew.Luering@FloridaDEP.gov

Comments: #####

Buffer Solution for W-CARB-AA Bottle Needed

#####  
 W-TR-SQ-R (sunscreen)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

#####

Bottle Group A (Nutrients, Entero)  
 G2SE0017

Bottle Group B (Nutrients, E. coli, Tracers)  
 G2SE0018

Bottle Group C (E. coli)  
 G2SE0058  
 G2SE0059

Bottle Group D (Nutrient, Metals, Entero, Pest)  
 G2SE0034

Bottle Group E (Nutrients, Metals, Entero)  
 G2SE0069  
 G2SE0063

Bottle Group F (Nutrients, E. coli, Tracers, PCR, RPS/LVS/HA/PChem)  
 G2SE0038

Bottle Group G (Entero)<---Grab when deployment is picked up  
 G2SE0017

Bottle Group H (W-PSNP-TQ and W-TR-SQ-R)  
 G2SE0063

**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-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: 1 | 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: 1 | Preserved With: ICE                                                                                                                            |
| ENT-24-QT                         | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                   |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| 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                         |                      |                                                                                                                                                |
| Strontium                         |                      |                                                                                                                                                |
| Tin                               |                      |                                                                                                                                                |
| Vanadium                          |                      |                                                                                                                                                |
| 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                    |
| *Strontium                        |                      |                                                                                                                                                |
| Aluminum                          |                      |                                                                                                                                                |
| Antimony                          |                      |                                                                                                                                                |
| Arsenic                           |                      |                                                                                                                                                |
| Beryllium                         |                      |                                                                                                                                                |
| Cadmium                           |                      |                                                                                                                                                |
| Chromium                          |                      |                                                                                                                                                |
| Cobalt                            |                      |                                                                                                                                                |
| Copper                            |                      |                                                                                                                                                |
| Lead                              |                      |                                                                                                                                                |
| Manganese                         |                      |                                                                                                                                                |
| Molybdenum                        |                      |                                                                                                                                                |
| Nickel                            |                      |                                                                                                                                                |
| Selenium                          |                      |                                                                                                                                                |
| Silver                            |                      |                                                                                                                                                |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                                                         |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| W-NO <sub>2</sub> NO <sub>3</sub> | 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-PO <sub>4</sub> -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 1 Samples:**

|                                   |                      |                                                                                          |
|-----------------------------------|----------------------|------------------------------------------------------------------------------------------|
| 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-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO <sub>2</sub> NO <sub>3</sub> | 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-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| 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               |

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| 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-2011) Total Dissolved Solids in aqueous matrices                                                  |
| 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: 1 | 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: 1 | Preserved With: ICE                                                                                          |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems   |

**Bottle Group C (Water) With 2 Samples:**

|                             |                      |                                                                                                            |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                        |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

**Bottle Group D (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-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: 1 | 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: 1 | Preserved With: ICE                                                                                                                            |
| ENT-24-QT                     | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                   |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH and Ice                                                                                                 |
| W-CARB-AA                     | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                                         |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| W-CT-Cl-R                     | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides 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: DEFAULT    | (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: HNO <sub>3</sub>                                                                                                               |
| 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                     |                      |                                                                                                                                                |
| Strontium                     |                      |                                                                                                                                                |
| Tin                           |                      |                                                                                                                                                |
| Vanadium                      |                      |                                                                                                                                                |
| 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                    |
| *Strontium                    |                      |                                                                                                                                                |
| Aluminum                      |                      |                                                                                                                                                |
| Antimony                      |                      |                                                                                                                                                |
| Arsenic                       |                      |                                                                                                                                                |
| Beryllium                     |                      |                                                                                                                                                |

**Bottle Group D (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 |

Cadmium  
Chromium  
Cobalt  
Copper  
Lead  
Manganese  
Molybdenum  
Nickel  
Selenium  
Silver

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| 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 |
| Bottle Type: BG-1L   | 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 in Water by GC/MS-SIM                        |

**Bottle Group E (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: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-MARINE | (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  
Strontium  
Tin  
Titanium  
Vanadium  
Zinc

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

\*Strontium  
Aluminum  
Antimony  
Arsenic  
Beryllium  
Cadmium  
Chromium  
Cobalt  
Copper  
Lead  
Manganese

**Bottle Group E (Water) With 2 Samples:**

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: SMP-MARINE | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
| Molybdenum           |                      |                                                                                                                             |
| 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 F (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-2011) Total Dissolved Solids in aqueous matrices                                                                                   |
| 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: 1 | 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: 1 | Preserved With: ICE                                                                                                                           |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                    |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | 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 |
| 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: 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 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                                                      |

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

|                             |                      |                                                                                              |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------|
| 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 H (Water) With 1 Samples:**

|                    |                      |                                                                                    |
|--------------------|----------------------|------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 2 | 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 in Water by GC/MS-SIM                  |

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