

# Login Checklist

RQ- 2024-01-08-32

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/14/24 @ 9:27

| *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 |                    |
| 0.1                 |                 |                                        |          | 13                                    |               | X  |          |    | 728166281902       |
| 0.3                 |                 |                                        |          | 8                                     |               | X  |          |    | 640484613184       |
| 1.1                 |                 |                                        |          | 14                                    |               | X  |          |    | 648164613160       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

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

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

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

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No X Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

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

Sufficient Sample Volume:

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

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

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes X No \_\_\_\_\_ Init: CP

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: CP

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 X No \_\_\_\_\_ NA \_\_\_\_\_ Init: CP

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: CP

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

Coolers Unpacked/Checked by: CP

Date: 2/14/24

Event contains NCRs (Y/N)? N

Event ID:

SE-DIST-2024-02-14-01 (SMP)  
Date Received: 14-FEB-2024 09:27

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                         |
|--------------------------|-------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 10/16/24 |
| pH Test Strips 0 – 6     | 223819av 03/15/2024     |
| pH Paper 0 – 3           | NA                      |
| pH Paper 0 – 13          | 210820 3/15/2024        |
| Chlorine Test Strips     | 2313 07/2025            |

### ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

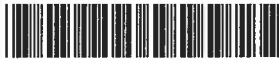
|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Date:</b> 2/13/2024      | <b>Collected By:</b> Andrew Luering, Natalie Howard |
| <b>Customer:</b> SE-DIST    | <b>Sampling Agency:</b> FDEP                        |
| <b>RQ:</b> RQ-2024-01-08-32 | <b>Project ID:</b> SMP                              |

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

**Number of Coolers Shipped:** 3

**Delivery Method:** FedEx

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

| Site Location                               | Field ID/WIN ID                                                                                     |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------|
| GOMEZ CREEK NORTH AT 441                    | <br>G3SE0046      |
| SEVENMILE SLOUGH AT PEAVINE TRAIL           | <br>G4SE0153      |
| STARVATION SLOUGH AT PUBLIC USE TRAIL       | <br>G4SE0144    |
| OAK CREEK AT 68                             | <br>G4SE0080    |
| FB                                          | <br>FB_02132024 |
| CHANDLER SLOUGH AT NORTHERN US98<br>CULVERT | <br>G4SE0141    |
| OTTER CREEK AT 441                          | <br>G1SE0007    |
| Cowbone Creek near Quail Creek              | <br>G5SE0148    |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/13/2024

1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected

Date: 2-14-24



|                                                                                                                                               |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| RQ-2024-01-08-32                                                                                                                              | <b>Collected By:</b> Andrew Lueling, Natalie Howard             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Andrew Lueling, Natalie Howard |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                    |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SE0046 | <b>Comments:</b>                                                |

Location: GOMEZ CREEK NORTH AT 441

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)        |              |   |   |  |  |
|------------------------------------|-----------|----------------------------------------------------------------------------|------------------------------------------|---------------|------------------|-------------------------------|-----------------|--------------------|-----------------------|--------------|---|---|--|--|
| 2/13/2024<br>930                   | 6.01      | 67.4                                                                       | 20.2                                     | 6.07          | 0.05             | 0.1                           | 0.1             | 144.9              | 0.07                  |              |   |   |  |  |
| 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 | C |  |  |
|                                    |           | Lot #                                                                      | SA3340020                                | Exp:          |                  | 12/11/2024                    |                 |                    |                       |              |   |   |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                    |                                          |               |                  | Ice                           |                 | HNO3*              |                       | <2           |   |   |  |  |
|                                    |           | Lot #                                                                      |                                          | Exp:          |                  |                               |                 |                    |                       |              |   |   |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                    |                                          |               |                  | Field Filtered 0.45 µm Filter |                 |                    |                       |              |   |   |  |  |
|                                    |           | Filter Lot #                                                               |                                          | Syringe Lot # |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                 |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                 |                                          |               | X                | Ice                           |                 |                    |                       |              |   |   |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |               | X                | Ice                           |                 |                    |                       |              |   |   |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                 | Formalin Lot #                           |               |                  | Formalin                      |                 |                    |                       |              |   |   |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                   |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                     |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
|                                    |           | Contract Lab                                                               |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                  |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
|                                    |           | PCR-GULL2                                                                  |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                 |                                          |               |                  | 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 (BP-1L)              |           | DTY-QN-C                                                                   |                                          |               |                  | Ice                           |                 |                    |                       |              |   |   |  |  |
| DOC (P-500ML)                      |           | Field Filtered 0.45 µm Filter                                              |                                          |               |                  | Ice                           |                 | H2SO4*             |                       | <2           |   |   |  |  |
|                                    |           | Acid Preservative Expiration Date                                          |                                          |               |                  |                               |                 |                    |                       |              |   |   |  |  |
|                                    |           | Acid Preservative Lot Number                                               |                                          |               |                  |                               |                 |                    |                       |              |   |   |  |  |



RQ-2024-01-08-32

Collected By: Andrew Luering, Natalie Howard

Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Natalie Howard

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G4SE0153

Comments:

Location: SEVENMILE SLOUGH AT PEAVINE TRAIL

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 2/13/2024 1025      | 2.51      | 28.2      | 20.8     | 5.82 | 0.3              | 0.3          | 0.84            | 102.9               | 0.05            |

| 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 | G |   |   |
|                                    |                                   | Lot #                                                                        | SA3340020                                |               | Exp:         | 12/11/2024 |           |           |                       |              |   |   |   |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                      |                                          | W-ICP         | W-HARD       | Ice        |           | HNO3*     |                       | <2           |   |   |   |   |
|                                    |                                   | Lot #                                                                        |                                          |               | Exp:         |            |           |           |                       |              |   |   |   |   |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                      | Field Filtered 0.45 µm Filter            |               |              | Ice        |           |           |                       |              |   |   |   |   |
|                                    | Filter Lot #                      |                                                                              |                                          | Syringe Lot # |              |            |           |           |                       |              |   |   |   |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                   |                                          |               |              | Ice        |           |           |                       |              |   |   |   |   |
| Chlorophyll (BP-1L)                | X                                 | CHL5UITE-W                                                                   |                                          |               |              | X          | Ice       |           |                       |              |   |   | 1 | G |
| 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 | G |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |               |              |            | Ice       |           |                       |              |   |   |   |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |               |              |            | Formalin  |           |                       |              |   |   |   |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                     |                                          |               |              | Ice        |           |           |                       |              |   |   |   |   |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                       | F Coli                                   | Enterococci   |              | X          | Ice       |           |                       |              |   |   | 1 | G |
|                                    |                                   | Contract Lab                                                                 |                                          |               |              |            |           |           |                       |              |   |   |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF1B3                                                                    | 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                               | 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 (BP-1L)              |                                   | DTY-QN-C                                                                     | PKD-QN-BV                                |               |              | Ice        |           |           |                       |              |   |   |   |   |
| DOC (P-500ML)                      |                                   | W-DOC                                                                        | Field Filtered 0.45 µm Filter            |               |              | Ice        |           | H2SO4*    |                       | <2           |   |   |   |   |
|                                    | Acid Preservative Expiration Date |                                                                              |                                          |               |              |            |           |           |                       |              |   |   |   |   |
|                                    | Acid Preservative Lot Number      |                                                                              |                                          |               |              |            |           |           |                       |              |   |   |   |   |



|                  |                                                          |
|------------------|----------------------------------------------------------|
| RQ-2024-01-08-32 | Collected By: Andrew Luering, Natalie Howard             |
| Customer: FDEP   | Field Report Prepared by: Andrew Luering, Natalie Howard |
| Project ID: SMP  | Sampling Agency: FDEP                                    |

WIN ID/Field ID:   
WIN ID/Field ID: G4SE0144

Comments:

Location: STARVATION SLOUGH AT PUBLIC USE TRAIL

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) |                       |              |   |   |  |  |  |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|------------------------------------------|---------------|------------------|-----------------------------------|-----------------|--------------------|----------------|-----------------------|--------------|---|---|--|--|--|--|
| 2/13/2024<br>1120                  | 3.02      | 34.2                                                                        | 21.2                                     | 6.35          | 0.3              | 0.3                               | 0.6             | 147.1              | 0.07           |                       |              |   |   |  |  |  |  |
| 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 | F |  |  |  |  |
|                                    |           | Lot #                                                                       | SA3340020                                | Exp:          | 12/11/2024       |                                   |                 |                    |                |                       |              |   |   |  |  |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                     |                                          |               |                  |                                   | Ice             |                    | HNO3*          |                       | <2           |   |   |  |  |  |  |
|                                    |           | Lot #                                                                       |                                          | Exp:          |                  |                                   |                 |                    |                |                       |              |   |   |  |  |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                     |                                          |               |                  |                                   | Ice             |                    |                |                       |              |   |   |  |  |  |  |
|                                    |           | Filter Lot #                                                                |                                          | Syringe Lot # |                  |                                   |                 |                    |                |                       |              |   |   |  |  |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                  |                                          |               |                  |                                   | Ice             |                    |                |                       |              |   |   |  |  |  |  |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                  |                                          |               |                  | X                                 | Ice             |                    |                | 1                     |              | F |   |  |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |               |                  | X                                 | Ice             |                    |                | 1                     |              | F |   |  |  |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |               |                  |                                   | Ice             |                    |                |                       |              |   |   |  |  |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                  | Formalin Lot #                           |               |                  |                                   | Formalin        |                    |                |                       |              |   |   |  |  |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                    |                                          |               |                  |                                   | Ice             |                    |                |                       |              |   |   |  |  |  |  |
| Microbiology (Contract Lab Bottle) | X         | E Coli                                                                      |                                          |               |                  |                                   | Ice             |                    |                | 1                     |              | F |   |  |  |  |  |
|                                    |           | Contract Lab                                                                |                                          |               |                  |                                   |                 |                    |                |                       |              |   |   |  |  |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                   |                                          |               |                  |                                   | Ice             |                    |                |                       |              |   |   |  |  |  |  |
|                                    |           | PCR-GULL2                                                                   |                                          |               |                  |                                   |                 |                    |                |                       |              |   |   |  |  |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                  |                                          |               |                  |                                   | 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 (BP-1L)              |           | DTY-QN-C                                                                    |                                          |               |                  |                                   | Ice             |                    |                |                       |              |   |   |  |  |  |  |
| DOC (P-500ML)                      |           | W-DOC                                                                       |                                          |               |                  | Field Filtered 0.45 µm Filter     |                 | Ice                | H2SO4*         |                       | <2           |   |   |  |  |  |  |
|                                    |           |                                                                             |                                          |               |                  | Acid Preservative Expiration Date |                 |                    |                |                       |              |   |   |  |  |  |  |
|                                    |           |                                                                             |                                          |               |                  | Acid Preservative Lot Number      |                 |                    |                |                       |              |   |   |  |  |  |  |



RQ-2024-01-08-32

Collected By: Andrew Luering, Natalie Howard

Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Natalie Howard

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:  
WIN ID/Field ID: G4SE0080

Comments:

Location: OAK CREEK AT 68

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 2/13/2024<br>1140   | 5.49      | 62.5      | 21.6     | 6.81 | 0.3              | 0.5          | 0.87            | 199.5               | 0.09           |

| 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 #                                                                        | SA3340020                         |                                          | Exp:         | 12/11/2024  |          |           |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      | X                                 | W-ICP                                    | X            | W-HARD      | X        | Ice       | X                     | HNO3*        | X | <2 | 1 | D |
|                                    |                   | Lot #                                                                        | NA3123030                         |                                          | Exp:         | 05/10/2024  |          |           |                       |              |   |    |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |                                   | Field Filtered 0.45 µm Filter            |              |             | Ice      |           |                       |              |   |    |   |   |
|                                    |                   | Filter Lot #                                                                 |                                   | Syringe Lot #                            |              |             |          |           |                       |              |   |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                                   |                                          |              |             | Ice      |           |                       |              |   |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                                   |                                          |              | X           | Ice      |           |                       | 1            |   | D  |   |   |
| 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            |   | D  |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                   |                                          |              |             | Ice      |           |                       |              |   |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   |                                   | Formalin Lot #                           |              |             | Formalin |           |                       |              |   |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                   |                                          |              |             | Ice      |           |                       |              |   |    |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                       |                                   | F Coli                                   |              | 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)      |                   | 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 (BP-1L)              |                   | DTY-QN-C                                                                     |                                   | PKD-QN-BV                                |              |             | Ice      |           |                       |              |   |    |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                        |                                   | Field Filtered 0.45 µm Filter            |              |             | Ice      |           | H2SO4*                | <2           |   |    |   |   |
|                                    |                   |                                                                              | Acid Preservative Expiration Date |                                          |              |             |          |           |                       |              |   |    |   |   |
|                                    |                   |                                                                              | Acid Preservative Lot Number      |                                          |              |             |          |           |                       |              |   |    |   |   |





|                                                                                                                                    |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| RQ-2024-01-08-32                                                                                                                   | Collected By: Andrew Luering, Natalie Howard             |
| Customer: FDEP                                                                                                                     | Field Report Prepared by: Andrew Luering, Natalie Howard |
| Project ID: SMP                                                                                                                    | Sampling Agency: FDEP                                    |
| WIN ID/Field ID: <br>WIN ID/Field ID: FB_02132024 | Comments:                                                |

Location: FB

Matrix: W-FIELD-BLANK

(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) |           |       |    |    |   |   |
|------------------------------------|-------------------|-----------------------------------------------------------------------------|----------------|------------------------------------------|-------------------------------|--------------|-----------------|-----------------------|----------------|-----------|-------|----|----|---|---|
| 2/13/2024<br>1150                  |                   |                                                                             |                |                                          |                               |              |                 |                       |                |           |       |    |    |   |   |
| 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     | H  |    |   |   |
|                                    |                   | Lot #                                                                       |                | SA3340020                                | Exp:                          | 12/11/2024   |                 |                       |                |           |       |    |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                     |                | X                                        | W-ICP                         | X            | W-HARD          | X                     | Ice            | X         | HNO3* | X  | <2 | 1 | H |
|                                    |                   | Lot #                                                                       |                | NA3123030                                | Exp:                          | 05/10/2024   |                 |                       |                |           |       |    |    |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                     |                |                                          | Field Filtered 0.45 µm Filter |              |                 | Ice                   |                |           |       |    |    |   |   |
|                                    |                   | Filter Lot #                                                                |                | Syringe Lot #                            |                               |              |                 |                       |                |           |       |    |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                |                                          |                               |              | Ice             |                       |                |           |       |    |    |   |   |
| Chlorophyll (BP-1L)                |                   | CHLSUITE-W                                                                  |                |                                          |                               |              | Ice             |                       |                |           |       |    |    |   |   |
| 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     | H  |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                |                                          |                               |              | Ice             |                       |                |           |       |    |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot # |                                          |                               |              | Formalin        |                       |                |           |       |    |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                |                                          |                               |              | Ice             |                       |                |           |       |    |    |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                      |                | F Coli                                   |                               | Enterococci  |                 | Ice                   |                |           |       |    |    |   |   |
|                                    |                   | Contract Lab                                                                |                |                                          |                               |              |                 |                       |                |           |       |    |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                   |                |                                          | PCR-BacR                      |              | PCR-DG3         |                       | Ice            |           |       |    |    |   |   |
|                                    |                   | PCR-GULL2                                                                   |                |                                          | PCR-GFD                       |              |                 |                       |                |           |       |    |    |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                  |                |                                          | W-E8321-MS                    |              |                 | Ice                   |                |           |       |    |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | 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 (BP-1L)              |                   | DTY-QN-C                                                                    |                |                                          | PKD-QN-BV                     |              |                 | Ice                   |                |           |       |    |    |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                       |                |                                          | Field Filtered 0.45 µm Filter |              |                 | Ice                   |                | H2SO4*    |       | <2 |    |   |   |
|                                    |                   | Acid Preservative Expiration Date                                           |                |                                          |                               |              |                 |                       |                |           |       |    |    |   |   |
|                                    |                   | Acid Preservative Lot Number                                                |                |                                          |                               |              |                 |                       |                |           |       |    |    |   |   |



RQ-2024-01-08-32

Collected By: Andrew Luering, Natalie Howard

Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Natalie Howard

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:   
WIN ID/Field ID: G4SE0141

Location: CHANDLER SLOUGH AT NORTHERN US98 CULVERT

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|--------------------|-----------------|
| 2/13/2024<br>1220   | 5.13      | 59.2      | 21.6     | 7.2 | 0.3              | 0.61         | 0.61            | 403.5              | 0.19            |

| 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 #                                                                        | SA3340020                                |                               | Exp:         | 12/11/2024 |           |           |                       |              |   |   |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |                                          | W-ICP                         | W-HARD       | Ice        | HNO3*     |           |                       | <2           |   |   |   |   |
|                                    |                   | Lot #                                                                        |                                          |                               | Exp:         |            |           |           |                       |              |   |   |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |                                          | Field Filtered 0.45 µm Filter |              | Ice        |           |           |                       |              |   |   |   |   |
|                                    | Filter Lot #      |                                                                              |                                          | Syringe Lot #                 |              |            |           |           |                       |              |   |   |   |   |
| BOD (BP-1L)                        |                   | OV-80DUNIN                                                                   |                                          |                               |              | Ice        |           |           |                       |              |   |   |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                                          |                               |              | Ice        |           |           |                       |              |   |   |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |              | Ice        |           |           |                       |              |   |   |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                               |              | Ice        |           |           |                       |              |   |   |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |                               |              |            | Formalin  |           |                       |              |   |   |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                          |                               |              | Ice        |           |           |                       |              |   |   |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                       | F Coli                                   | Enterococci                   |              | X          | Ice       |           |                       |              |   |   | 1 | E |
|                                    |                   | 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                               | 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 (BP-1L)              |                   | DTY-QN-C                                                                     | PKD-QN-BV                                |                               |              |            | Ice       |           |                       |              |   |   |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                        | Field Filtered 0.45 µm Filter            |                               | Ice          | H2SO4*     |           | <2        |                       |              |   |   |   |   |
|                                    |                   |                                                                              | Acid Preservative Expiration Date        |                               |              |            |           |           |                       |              |   |   |   |   |
|                                    |                   |                                                                              | Acid Preservative Lot Number             |                               |              |            |           |           |                       |              |   |   |   |   |



|                                                                                                                                 |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| RQ-2024-01-08-32                                                                                                                | Collected By: Andrew Luering, Natalie Howard             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Andrew Luering, Natalie Howard |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                    |
| WIN ID/Field ID: <br>WIN ID/Field ID: G1SE0007 | Comments:                                                |

Location: OTTER CREEK AT 441

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)        |              |           |  |  |
|------------------------------------|-----------|------------------------------------------------------------------------------|------------------------------------------|-----------------------------------|------------------|--------------|-----------------|--------------------|-----------------------|--------------|-----------|--|--|
| 2/13/2024<br>1255                  | 7.4       | 85.9                                                                         | 22.4                                     | 7.29                              | 0.05             | 0.1          | 0.1             | 1063               | 0.53                  |              |           |  |  |
| 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 #                                                                        | SA3340020                                |                                   | Exp:             | 12/11/2024   |                 | X                  | <2                    | 1            | B         |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                      |                                          | W-ICP                             |                  | W-HARD       |                 |                    | Ice                   | HNO3*        |           |  |  |
|                                    |           | Lot #                                                                        |                                          |                                   | Exp:             |              |                 |                    | <2                    |              |           |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                      |                                          | Field Filtered 0.45 µm Filter     |                  |              |                 |                    | Ice                   |              |           |  |  |
|                                    |           | Filter Lot #                                                                 |                                          |                                   | Syringe Lot #    |              |                 |                    |                       |              |           |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                   |                                          |                                   |                  |              |                 |                    | Ice                   |              |           |  |  |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                   |                                          |                                   |                  | X            | Ice             |                    |                       | 1            | B         |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                                   |                  | X            | Ice             |                    |                       | 1            | B         |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                                   |                  |              |                 |                    | Ice                   |              |           |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                   | Formalin Lot #                           |                                   |                  |              | Formalin        |                    |                       |              |           |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                     |                                          |                                   |                  |              |                 |                    | Ice                   |              |           |  |  |
| Microbiology (Contract Lab Bottle) | X         | E Coli                                                                       |                                          | F Coli                            |                  | Enterococci  |                 |                    | X                     | Ice          |           |  |  |
|                                    |           | Contract Lab                                                                 |                                          |                                   |                  |              |                 |                    |                       | 1            | B         |  |  |
| 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                               |                                   | W-PSNP-TQ        |              |                 |                    |                       | 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 (BP-1L)              |           | DTY-QN-C                                                                     |                                          | PKD-QN-BV                         |                  |              |                 |                    | Ice                   |              |           |  |  |
| DOC (P-500ML)                      |           |                                                                              |                                          | Field Filtered 0.45 µm Filter     |                  |              |                 |                    | Ice                   | H2SO4*       |           |  |  |
|                                    |           | W-DOC                                                                        |                                          | Acid Preservative Expiration Date |                  |              |                 |                    |                       | <2           |           |  |  |
|                                    |           |                                                                              |                                          | Acid Preservative Lot Number      |                  |              |                 |                    |                       |              |           |  |  |



RQ-2024-01-08-32

Customer: FDEP

Project ID: SMP

Collected By: Andrew Luering, Natalie Howard

Field Report Prepared by: Andrew Luering,  
Natalie Howard

Sampling Agency: FDEP

Comments:

 WIN ID/Field ID:   
 WIN ID/Field ID: G5SE0148

Location: Cowbone Creek near Quail Creek

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 2/13/2024<br>915    | 5.88      | 65.5      | 20.4     | 7.17 | 0.2              | 0.4          | 0.4             | 473.4              | 0.23           |

| Parameter Suite                    | Parameter Methods                 |                                                                            |                                          |                               | Preservation |             | pH Check |           | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|--------------|-------------|----------|-----------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               | X            | Ice         | X        | H2SO4*    | X                     | <2           | 1 | A |
|                                    |                                   | Lot #                                                                      |                                          | SA3340020                     | Exp:         | 12/11/2024  |          |           |                       |              |   |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                    |                                          | W-ICP                         | W-HARD       | Ice         |          | HNO3*     |                       | <2           |   |   |
|                                    |                                   | Lot #                                                                      |                                          | Exp:                          |              |             |          |           |                       |              |   |   |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                    |                                          | Field Filtered 0.45 µm Filter |              | Ice         |          |           |                       |              |   |   |
|                                    |                                   | Filter Lot #                                                               |                                          | Syringe Lot #                 |              |             |          |           |                       |              |   |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                 |                                          |                               |              | Ice         |          |           |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                 |                                          |                               |              | X           | Ice      |           |                       | 1            | A |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-C / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |              | X           | Ice      |           |                       | 1            | A |   |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |                               |              |             | Ice      |           |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                 | Formalin Lot #                           |                               |              | Formalin    |          |           |                       |              |   |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                   |                                          |                               |              |             | Ice      |           |                       |              |   |   |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                     |                                          | F Coli                        |              | Enterococci | X        | Ice       |                       | 1            | A |   |
|                                    |                                   | Contract Lab                                                               |                                          |                               |              |             |          |           |                       |              |   |   |
| Molecular (QPCR-P-500ML)           | X                                 | PCR-HF183                                                                  | X                                        | PCR-BacR                      | X            | PCR-DG3     | X        | Ice       |                       | 1            | A |   |
|                                    |                                   | PCR-GULL2                                                                  |                                          | PCR-GFD                       |              |             |          |           |                       |              |   |   |
| Tracers (BG-500ML)                 | X                                 | W-E8321-D1                                                                 | X                                        | W-E8321-MS                    |              | X           | Ice      |           |                       | 1            | A |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-D1                                                                 | 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 (BP-1L)              |                                   | DTY-QN-C                                                                   |                                          | PKD-QN-BV                     |              |             | Ice      |           |                       |              |   |   |
| DOC (P-500ML)                      |                                   | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               |              | Ice         |          | H2SO4*    | <2                    |              |   |   |
|                                    | Acid Preservative Expiration Date |                                                                            |                                          |                               |              |             |          |           |                       |              |   |   |
|                                    | Acid Preservative Lot Number      |                                                                            |                                          |                               |              |             |          |           |                       |              |   |   |

Date of Request: 19-DEC-2023  
Created By: SKAGGS\_J On: 19-DEC-2023  
Modified By: JASROTIA\_P On: 20-DEC-2023  
Customer: SE-DIST  
Project: SMP  
Division: Division of Environmental Assessment and Restoration  
District: Southeast District  
Event Description: SMP - Fort Drum

**Send Coolers To:**

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

Priority: 3  
Event Status: S  
Criminal Investigation: NO  
Chemistry Request Reviewed By: AYRES\_J On: 20-DEC-2023  
Biology Request Reviewed By: JASROTIA\_P On: 20-DEC-2023  
Sampling Kit Required: YES Ship on: 03-JAN-2024  
Sampling Kit Shipped: YES On: 05-JAN-2024  
Sampling Kit Packed By: PENDLETO\_C  
Preservatives Needed: NO  
Date to Receive Samples: 19-JAN-2024  
Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
2199 South Rock Road  
Fort Pierce, FL 34945  
Attn: Andrew Luerling  
Report Notification EMail:  
jordan.skaggs@floridadep.gov;andrew.luerling@floridadep.gov

Comments: Lab Comments:  
Please send 3 coolers for return

Sampler Comments:  
A - (#26) G5SE0148 ec/qpcr/nut  
B - G1SE0007 ec/nut  
C - G3SE0064 nut  
D - G4SE0080 ec/metals/nut  
E - G4SE0141ec/nut  
F - G4SE0144 ec/nut  
G - G4SE0153 ec/nut  
H - Field Blank @ G4SE0080 metals/nut

**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 CaCO3/L                                           |
| TURBIDITY          | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC            | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR            | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)       |                      |                                                                                                         |
| W-F                | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS              | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS              | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                     |

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                         |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| 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-2014) Nonpurgeable Organic Carbon in aqueous matrices                                                                              |

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

|                             |                      |                                                                                                            |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------|
| 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-2014) Nonpurgeable Organic Carbon in aqueous matrices                                           |
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                              |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                         |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                          |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                         |
| Color (true)                |                      |                                                                                                            |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)    |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                           |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample            |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry      |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| 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 1 Samples:**

|                    |                      |                                                                                                         |
|--------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L  | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY         | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                           |
| TURBIDITY          | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC            | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR            | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)       |                      |                                                                                                         |
| W-F                | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS              | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS              | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                     |

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

|                      |                      |                                                                                                       |
|----------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L   | Number of Bottles: 1 | Preserved With: ICE                                                                                   |
| CHLSUITE-W           | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-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-2014) Nonpurgeable Organic Carbon in aqueous matrices                                      |

**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 CaCO3/L                                                                                  |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |
| Color (true)                |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                          |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                     |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Barium                      |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Boron                       |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Cobalt                      |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Molybdenum                  |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

**Thallium**

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                   |                      |                                                                                                         |
|-------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                           |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR           | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)      |                      |                                                                                                         |
| W-F               | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |

|                    |                      |                                                                                                       |
|--------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                   |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

|                             |                      |                                                                                                            |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices    |

**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-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |

|                    |                      |                                                                                                       |
|--------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                   |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

|                             |                      |                                                                                                            |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices    |



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

|                                   |                   |                                                                                                            |                                                        |
|-----------------------------------|-------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Bottle Type: P-1L                 |                   | Number of Bottles: 1                                                                                       | Preserved With: ICE                                    |
| ALKALINITY                        | Template: DEFAULT | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                 |                                                        |
| TURBIDITY                         | Template: DEFAULT | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                         |                                                        |
| W-CL-IC                           | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                          |                                                        |
| W-COLOR                           | Template: DEFAULT | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                         |                                                        |
| Color (true)                      |                   |                                                                                                            |                                                        |
| W-F                               | Template: DEFAULT | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)    |                                                        |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                           |                                                        |
| W-TDS                             | Template: DEFAULT | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                |                                                        |
| W-TSS                             | Template: DEFAULT | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample            |                                                        |
| Bottle Type: BP-1L                |                   | Number of Bottles: 1                                                                                       | Preserved With: ICE                                    |
| CHLSUITE-W                        | Template: DEFAULT | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry      |                                                        |
| Bottle Type: P-250ML-WO-THI       |                   | Number of Bottles: 1                                                                                       | Preserved With: ICE                                    |
| ECOLI-18QT                        | Template: DEFAULT | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |                                                        |
| 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-2014) Nonpurgeable Organic Carbon in aqueous matrices                                           |                                                        |

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

|                       |                     |                                                                                                                                                |                                  |
|-----------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Bottle Type: P-1L     |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE              |
| ALKALINITY            | Template: DEFAULT   | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                     |                                  |
| TURBIDITY             | Template: DEFAULT   | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |                                  |
| W-CL-IC               | Template: DEFAULT   | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |                                  |
| W-COLOR               | Template: DEFAULT   | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |                                  |
| Color (true)          |                     |                                                                                                                                                |                                  |
| W-F                   | Template: DEFAULT   | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |                                  |
| W-SO <sub>4</sub> -IC | Template: DEFAULT   | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |                                  |
| W-TDS                 | Template: DEFAULT   | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                                                    |                                  |
| W-TSS                 | Template: DEFAULT   | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |                                  |
| Bottle Type: P-500ML  |                     | Number of Bottles: 1                                                                                                                           | Preserved With: HNO <sub>3</sub> |
| W-HARD                | Template: DEFAULT   | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |                                  |
| Hardness              |                     |                                                                                                                                                |                                  |
| W-ICP                 | Template: SMP-FRESH | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |                                  |
| Calcium               |                     |                                                                                                                                                |                                  |
| Iron                  |                     |                                                                                                                                                |                                  |
| Magnesium             |                     |                                                                                                                                                |                                  |
| Potassium             |                     |                                                                                                                                                |                                  |
| Sodium                |                     |                                                                                                                                                |                                  |
| Strontium             |                     |                                                                                                                                                |                                  |
| Tin                   |                     |                                                                                                                                                |                                  |
| Titanium              |                     |                                                                                                                                                |                                  |
| Vanadium              |                     |                                                                                                                                                |                                  |
| Zinc                  |                     |                                                                                                                                                |                                  |
| W-ICPMS               | Template: DEFAULT   | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                                  |
| Aluminum              |                     |                                                                                                                                                |                                  |
| Antimony              |                     |                                                                                                                                                |                                  |
| Arsenic               |                     |                                                                                                                                                |                                  |
| Barium                |                     |                                                                                                                                                |                                  |
| Beryllium             |                     |                                                                                                                                                |                                  |
| Boron                 |                     |                                                                                                                                                |                                  |
| Cadmium               |                     |                                                                                                                                                |                                  |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Chromium  
Cobalt  
Copper  
Lead  
Manganese  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices    |

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