

# Login Checklist

RQ- 2023 - 03 - 13 - 22

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 03/24/2023 / 10:20

| *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 |                    |
| 2.7C                |                 |                                        |          | 13                                    |               | X  |          |    | 5225 5547 1160     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

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

Yes ☒ No ☒ *ABS*

## CONTAINER CHECK

Evidence Tape on Bottles? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken? Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight? Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume: Yes ☒ No \_\_\_\_\_

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

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

Yes \_\_\_\_\_ No ☒ Init: **ABS** /

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: **ABS** /

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

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

\*\*Acid Preserved Samples: pH < 2.0? Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: **ABS** /

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: **ABS** /

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

Coolers Unpacked/Checked by: **ABS** /

Date: 03/24/2023

Event contains NCRs (Y/N)? **n**

Event ID:

**SO - DIST- 2023 - 03 - 24 - 0**

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                                               |
|--------------------------|-----------------------------------------------|
| Infrared Thermometer ID: | IRTG # 2 EXP:10/17/2023                       |
| pH Test Strips 0 – 6     | LOT#223819AV EXP:8/30/23                      |
| pH Paper 0 – 3           | N/A                                           |
| pH Paper 0 – 13          | LOT#207621 EXP:3/15/2024                      |
| Chlorine Test Strips     | 0129 03 / abs/03/01/2023<br>0070 / 2023 / 01/ |

### ENCORE SAMPLES

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 3/23/2023 **Collected By:** Nicole Reistad, Monica Jaeger  
**Customer:** SO-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2023-03-13-22 **Project ID:** SMP

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

**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location                        | Field ID/WIN ID                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| LITTLE ALLIGATOR CREEK @ MIDWAY BLVD | <br>G3SD0071   |
| ROCK CREEK @ EISENHOWER DR           | <br>G3SD0070   |
| MYAKKA RIVER (TIDAL) @ US 41         | <br>G3SD0068 |
| Big Slough Canal                     | <br>G3SD0161 |
| Big Slough @ Butler Park             | <br>G3SD0168 |

RELINQUISHED BY (SIGNATURE):

DATE/TIME: 3/23/2023

1300 EST

*W. PR. Paf*

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** A.SHAIK

**Rec'd/Inspected Date:** 03/24/2023 / 10:20

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| RQ-2023-03-13-22       | <b>Collected By:</b> Nicole Reistad, Monica Jaeger             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                   |

|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0071 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|

**Matrix: Marine**

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)         | Temp. °C                                                                     | pH                                       | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |                       |              |       |   |    |   |   |  |
|------------------------------------|-----------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|-------|---|----|---|---|--|
| 3/23/2023 850                      | 6.58      | 85.3              | 22                                                                           | 7.51                                     | 0.3                           | 1.1          | 1.1             | 34556               | 21.75           |                       |              |       |   |    |   |   |  |
| 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 #             |                                                                              | SA2299040                                |                               | Exp:         |                 | 11/04/23            |                 |                       |              |       |   |    |   |   |  |
| Metals (P-500ML)                   |           | X                 | W-ICPMS                                                                      |                                          | X                             | W-ICP        |                 | W-HARD              | X               | Ice                   | X            | HNO3* | X | <2 | 1 | A |  |
|                                    |           | Lot #             |                                                                              | NA1105100                                |                               | Exp:         |                 | 06/07/23            |                 |                       |              |       |   |    |   |   |  |
| Filtered Nutrients (P125ML)        |           |                   | W-PO4-F                                                                      |                                          | Field Filtered 0.45 um Filter |              |                 |                     | Ice             |                       |              |       |   |    |   |   |  |
|                                    |           | Filter Lot #      |                                                                              | Syringe Lot #                            |                               |              |                 |                     |                 |                       |              |       |   |    |   |   |  |
| BOD (BP-1L)                        |           |                   | OV-BODUNIN                                                                   |                                          |                               |              |                 |                     | Ice             |                       |              |       |   |    |   |   |  |
| Chlorophyll (BP-1L)                |           | X                 | CHLSUITE-W                                                                   |                                          |                               |              |                 | X                   | Ice             |                       |              |       |   |    |   |   |  |
| Physical/Aggregate (Fresh) (P-1L)  |           | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / 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                                                                       |                                          |                               | F Coli       | X               | Enterococci         | X               | Ice                   |              |       |   |    |   |   |  |
|                                    |           | X                 | 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                      |           | DTY-QN-C          |                                                                              | PKD-QN-BV                                |                               |              |                 | Ice                 |                 |                       |              |       |   |    |   |   |  |
| DOC                                |           | W-DOC             |                                                                              | Field Filtered 0.45 um Filter            |                               |              |                 | Ice                 |                 | H2SO 4*               |              | <2    |   |    |   |   |  |
|                                    |           |                   |                                                                              | Acid Preservative Expiration Date        |                               |              |                 |                     |                 |                       |              |       |   |    |   |   |  |
|                                    |           |                   |                                                                              | Acid Preservative Lot Number             |                               |              |                 |                     |                 |                       |              |       |   |    |   |   |  |



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2023-03-13-22                                                                                                                | Collected By: Nicole Reistad, Monica Jaeger                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nicole Reistad, Monica Jaeger            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0070 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location: ROCK CREEK @ EISENHOWER DR

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                  | Temp. °C       | pH                                       | Sample Depth (m)                  | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |                       |              |    |    |   |   |
|------------------------------------|-----------|----------------------------------------------------------------------------|----------------|------------------------------------------|-----------------------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|----|----|---|---|
| 3/23/2023<br>930                   | 6.43      | 81.7                                                                       | 22.3           | 7.37                                     | 0.3                               | 0.7          | 0.7             | 27929               | 17.2            |                       |              |    |    |   |   |
| 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 #                                                                      | SA2299040      |                                          | Exp:                              | 11/04/23     |                 |                     |                 |                       |              |    |    |   |   |
| Metals (P-500ML)                   | X         | W-ICPMS                                                                    |                | X                                        | W-ICP                             |              | W-HARD          | X                   | Ice             | X                     | HNO3*        | X  | <2 | 1 | A |
|                                    |           | Lot #                                                                      | NA1105100      |                                          | Exp:                              | 06/07/23     |                 |                     |                 |                       |              |    |    |   |   |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                    |                |                                          | Field Filtered 0.45 µm Filter     |              |                 |                     |                 |                       |              |    |    |   |   |
|                                    |           | 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) |           | E Coli                                                                     |                |                                          | F Coli                            | X            | Enterococci     |                     |                 |                       |              | 1  | A  |   |   |
|                                    | X         | Contract Lab                                                               |                |                                          |                                   | X            | Ice             |                     |                 |                       |              |    |    |   |   |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                  |                |                                          | PCR-BacR                          |              | PCR-DG3         |                     |                 |                       |              |    |    |   |   |
|                                    |           | PCR-GULL2                                                                  |                |                                          | PCR-GFD                           |              |                 |                     |                 |                       |              |    |    |   |   |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                 |                |                                          | W-E8321-M5                        |              |                 | Ice                 |                 |                       |              |    |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                 |                | W-E8321-M5                               |                                   | W-PSNP-TQ    |                 |                     | MCAA Exp.       | MCAA Lot#             |              |    |    |   |   |
|                                    |           | W-PCL-TQ-R                                                                 |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | W-CT-CL-R    |                 | Ice                 |                 |                       |              |    |    |   |   |
|                                    |           | W-TR-SQ-R                                                                  |                | W-PCB-TQ-R                               |                                   |              |                 |                     |                 |                       |              |    |    |   |   |
| Phytoplankton                      |           | DTY-QN-C                                                                   |                |                                          | PKD-QN-BV                         |              |                 | Ice                 |                 |                       |              |    |    |   |   |
| DOC                                |           | W-DOC                                                                      |                |                                          | Field Filtered 0.45 µm Filter     |              |                 | Ice                 |                 | H2SO4*                |              | <2 |    |   |   |
|                                    |           |                                                                            |                |                                          | Acid Preservative Expiration Date |              |                 |                     |                 |                       |              |    |    |   |   |
|                                    |           |                                                                            |                |                                          | Acid Preservative Lot Number      |              |                 |                     |                 |                       |              |    |    |   |   |



RQ-2023-03-13-22

Collected By: Nicole Reistad, Monica Jaeger

Customer: FDEP

Field Report Prepared by: Nicole Reistad, Monica Jaeger

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0068

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: MYAKKA RIVER (TIDAL) @ US 41

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 3/23/2023<br>955    | 6.75      | 83.8      | 22.3     | 7.41 | 0.25             | 0.5          | 0.5             | 21688               | 13.05           |

  

| 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 | B |
|                                    |                   | Lot #                                                                        |                                   | SA2299040                                | Exp:         | 11/04/23    |          |        |                       |              |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |                                   | W-ICP                                    | W-HARD       |             | Ice      |        | HNO3*                 | <2           |   |   |
|                                    |                   | Lot #                                                                        |                                   | Exp:                                     |              |             |          |        |                       |              |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |                                   | Field Filtered 0.45 um Filter            |              |             | Ice      |        |                       |              |   |   |
|                                    |                   | Filter Lot #                                                                 |                                   | Syringe Lot #                            |              |             |          |        |                       |              |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                                   |                                          |              | Ice         |          |        |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                                   |                                          | X            | Ice         |          |        |                       | 1            | B |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          | X            | Ice         |          |        |                       | 1            | B |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                   |                                          |              | Ice         |          |        |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot #                    |                                          |              | Formalin    |          |        |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                   |                                          |              | Ice         |          |        |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |                                   | F Coli                                   | X            | Enterococci | X        | Ice    |                       | 1            | B |   |
|                                    | X                 | 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-CAR8-AA (5 ml of MCAA Buffer Solution) |              | W-CT-CL-R   |          |        |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                    |                                   | W-PCB-TQ-R                               |              |             |          |        |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                     |                                   | PKD-QN-BV                                |              |             | Ice      |        |                       |              |   |   |
| DOC                                |                   | W-DOC                                                                        |                                   | Field Filtered 0.45 um Filter            |              |             | Ice      |        | H2SO 4*               | <2           |   |   |
|                                    |                   |                                                                              | Acid Preservative Expiration Date |                                          |              |             |          |        |                       |              |   |   |
|                                    |                   |                                                                              | Acid Preservative Lot Number      |                                          |              |             |          |        |                       |              |   |   |



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2023-03-13-22                                                                                                                | Collected By: Nicole Reistad, Monica Jaeger                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nicole Reistad, Monica Jaeger            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0161 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location: Big Slough Canal

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                   | Temp. °C                                 | pH            | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPTH) |  |  |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|------------------------------------------|---------------|------------------|--------------|-----------------|-----------------------|-----------------|--|--|--|
| 3/23/2023 1055                     | 6.87      | 85.6                                                                        | 23.4                                     | 7.64          | 0.3              | 0.8          | 0.8             | 17931                 | 10.6            |  |  |  |
| Parameter Suite                    |           | Parameter Methods                                                           |                                          |               | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group    |  |  |  |
| Preserved Nutrients (P-500ML)      |           | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |               | Ice H2SO4*       |              | X <2            |                       |                 |  |  |  |
|                                    |           | Lot # Exp:                                                                  |                                          |               |                  |              |                 |                       |                 |  |  |  |
| Metals (P-500ML)                   |           | X W-ICPMS                                                                   | X W-ICP                                  | W-HARD        | X Ice            | X HNO3*      |                 | 1                     | C               |  |  |  |
|                                    |           | Lot # NA1105100 Exp:                                                        |                                          |               | 06/07/23         |              |                 |                       |                 |  |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F Field Filtered 0.45 um Filter                                       |                                          |               | Ice              |              |                 |                       |                 |  |  |  |
|                                    |           | Filter Lot #                                                                | Syringe Lot #                            |               |                  |              |                 |                       |                 |  |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                  |                                          |               | Ice              |              |                 |                       |                 |  |  |  |
| Chlorophyll (BP-1L)                |           | CHLSUITE-W                                                                  |                                          |               | Ice              |              |                 |                       |                 |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |               | Ice              |              |                 |                       |                 |  |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |               | Ice              |              |                 |                       |                 |  |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                  | Formalin Lot #                           |               | Formalin         |              |                 |                       |                 |  |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                    |                                          |               | Ice              |              |                 |                       |                 |  |  |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                      | F Coli                                   | X Enterococci | X Ice            |              |                 | 1                     | C               |  |  |  |
|                                    |           | X 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                      |           | DTY-QN-C                                                                    | PKD-QN-BV                                |               | Ice              |              |                 |                       |                 |  |  |  |
| DOC                                |           | W-DOC                                                                       | Field Filtered 0.45 um Filter            |               | Ice              | H2SO4*       | <2              |                       |                 |  |  |  |
|                                    |           |                                                                             | Acid Preservative Expiration Date        |               |                  |              |                 |                       |                 |  |  |  |
|                                    |           |                                                                             | Acid Preservative Lot Number             |               |                  |              |                 |                       |                 |  |  |  |



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2023-03-13-22 | Collected By: Nicole Reistad, Monica Jaeger             |
| Customer: FDEP   | Field Report Prepared by: Nicole Reistad, Monica Jaeger |
| Project ID: SMP  | Sampling Agency: FDEP                                   |

|                                                                                                    |           |
|----------------------------------------------------------------------------------------------------|-----------|
| WIN ID/Field ID:  | Comments: |
| WIN ID/Field ID: G3SD0168                                                                          |           |

Location: Big Slough @ Butler Park

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 3/23/2023 1120      | 6.26      | 70.1      | 20.9     | 7.73 | 0.2              | 0.4          | 0.4             | 1058                | 0.53            |

| Parameter Suite                    | Parameter Methods                                                            |                                          |                               |           |             |        | Preservation |           |        | pH Check |    | # Bottles sent to Lab | Bottle Group |   |
|------------------------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------|-------------|--------|--------------|-----------|--------|----------|----|-----------------------|--------------|---|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          |                               |           |             |        | Ice          |           | H2SO4* |          | <2 |                       |              |   |
|                                    | Lot #                                                                        |                                          |                               | Exp:      |             |        |              |           |        |          |    |                       |              |   |
| Metals (P-500ML)                   | x                                                                            | W-ICPMS                                  | x                             | W-ICP     | x           | W-HARD | x            | Ice       | x      | HNO3*    | X  | <2                    | 1            | D |
|                                    | Lot #                                                                        |                                          |                               | NA1105100 |             |        | Exp:         |           |        | 06/07/23 |    |                       |              |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                                          | Field Filtered 0.45 um Filter |           |             |        | Ice          |           |        |          |    |                       |              |   |
|                                    | Filter Lot #                                                                 |                                          | Syringe Lot #                 |           |             |        |              |           |        |          |    |                       |              |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |                                          |                               |           |             |        | Ice          |           |        |          |    |                       |              |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                                          |                               |           |             |        | Ice          |           |        |          |    |                       |              |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |           |             |        | Ice          |           |        |          |    |                       |              |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-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                      | DTY-QN-C                                                                     |                                          | PKD-QN-BV                     |           |             |        | Ice          |           |        |          |    |                       |              |   |
| DOC                                | W-DOC                                                                        | Field Filtered 0.45 um Filter            |                               |           |             | Ice    |              | H2SO 4*   |        | <2       |    |                       |              |   |
|                                    |                                                                              | Acid Preservative Expiration Date        |                               |           |             |        |              |           |        |          |    |                       |              |   |
|                                    |                                                                              | Acid Preservative Lot Number             |                               |           |             |        |              |           |        |          |    |                       |              |   |

Benchmark EnviroAnalytical, Inc.  
1001 Corporate Ave. Suite 102  
North Port, FL 34289  
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 5.0°C  
Checked at Benchmark EA South E85086  
With Temperature Gun ID #7

Agent Name: FDEP  
Address: 2600 Blair Stone Rd.  
Tallahassee, FL, 32399  
Phone: (239) 344-5719  
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore  
P.O. #: Lab 895344

CUE#5

Project Name: RQ-2021

Project Run/Location: SM/Myakka crnrs

Laboratory Submission #:

523030686

Station

ID

Surface Water  
Sample Matrix  
(Fresh / Marine)  
Sample Type

Enterococci

E.coli (SM9223B Quantitray)

Laboratory  
Sample #

E. coli = 250 mL ; Enteroc = 120 mL ; Fecal Coliform = 120 mL

|          |              |                   |             |              |         |      |   |
|----------|--------------|-------------------|-------------|--------------|---------|------|---|
| G3SD0071 | F / M / Grab | E. coli / Enteroc | F. coliform | Date & Time: | 3/23/23 | 850  | 1 |
| G3SD007D | F / M / Grab | E. coli / Enteroc | F. coliform | Date & Time: | 3/23/23 | 930  | 2 |
| G3SD0068 | F / M / Grab | E. coli / Enteroc | F. coliform | Date & Time: | 3/23/23 | 955  | 3 |
| G3SD0161 | F / M / Grab | E. coli / Enteroc | F. coliform | Date & Time: | 3/23/23 | 1055 | 4 |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |
|          | F / M / Grab | E. coli / Enteroc | F. coli     | Date & Time: |         |      |   |

Sample Type: is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

Sample Matrix: is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soft sediment (SDMNT), or dredge (SDUG).

Consistent Type: is used to indicate whether the container is plastic (P) or glass (G).

Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Therapeutic" label preservation was used added to the sample container.

Each bottle has a label identifying sample ID, preservation preservative contained in the bottle, sample type, client ID, and parameters for analysis.

The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sample ID, name of collector, and any other relevant information.

All bottles not containing preservative may be stored in a cool, dry place prior to collection.

The client is responsible for documentation of the sampling event. Please use special sampling event on the sample card.

|   |                                 |                      |                   |                                |                  |                      |                   |
|---|---------------------------------|----------------------|-------------------|--------------------------------|------------------|----------------------|-------------------|
| 1 | Collector: <u>MONIKA JAGGER</u> | Date: <u>3/23/23</u> | Time: <u>1146</u> | Received By: <u>Bart Kuntz</u> | Brooke Watermark | Date: <u>3/23/23</u> | Time: <u>1146</u> |
| 2 | Reinforced by:                  | Date:                | Time:             | Received By:                   |                  | Date:                | Time:             |
| 3 | Reinforced by:                  | Date:                | Time:             | Received By:                   |                  | Date:                | Time:             |
| 4 | Reinforced by:                  | Date:                | Time:             | Received By:                   |                  | Date:                | Time:             |
| 5 | Reinforced by:                  | Date:                | Time:             | Received By:                   |                  | Date:                | Time:             |

Laboratory Sample Acceptability:

pH < 7.0 BEAS Temperature: 5.0°C



Date of Request: 14-FEB-2023  
 Created By: MULLEN\_W On: 14-FEB-2023  
 Modified By: JASROTIA\_P On: 22-FEB-2023  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2023 SMP : Myakka Cricks

**Send Coolers To:**

Phone: 239-344-5716  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 314  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 22-FEB-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 22-FEB-2023  
 Sampling Kit Required: YES Ship on: 03-MAR-2023  
 Sampling Kit Shipped: YES On: 27-FEB-2023  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: NO  
 Date to Receive Samples: 13-MAR-2023  
 Logged In By: SHAIK\_A On: 24-MAR-2023

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 314  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov; John.Barrington@FloridaDEP.gov;  
 William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov

Comments: Group A: (Rock, Lil Alligator) Marine Nutrients, Marine Metals, Entero  
 Group B: (Myakka) Marine Nutrients, Entero  
 Group C: (Big Slough Canal) Marine metals, Entero  
 Group D: (Big Slough) Metals

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                     |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                          |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| SD-BES-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port                                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template: SMP-MARINE | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: SMP-MARINE | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Strontium                  |                      |                                                                                                                                                |
| Aluminum                    |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: SMP-MARINE | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Antimony  
Arsenic  
Beryllium  
Cadmium  
Chromium  
Cobalt  
Copper  
Lead  
Manganese  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                   |                      |                                                                                                         |
|-------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                           |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-F               | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-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-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                     |
| SD-BES-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                             |                      |                                                                         |
|-----------------------------|----------------------|-------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                     |
| SD-BES-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port |

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-MARINE | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Calcium  
Iron  
Magnesium  
Strontium  
Tin  
Titanium  
Vanadium  
Zinc

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

\*Strontium  
Aluminum  
Antimony

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

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

Arsenic  
 Beryllium  
 Cadmium  
 Chromium  
 Cobalt  
 Copper  
 Lead  
 Manganese  
 Molybdenum  
 Nickel  
 Selenium  
 Silver  
 Thallium

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

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  
 Thallium

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

