

RQ- 2022 - 11-14-35

## Login Checklist

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/12/2022 / 09:15

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 11.4 c              |                        |                                        |          | 15                                    |               | x  |          |    | 5859 47307237      |
|                     |                        |                                        |          |                                       |               | x  |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

## 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# 9659
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR#
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR#
- If coolers or samples are received late; identify the affected samples in an NCR. NCR#

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No

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

Yes No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes No NA ☒ Evidence Tape intact? Yes No

If Criminal, photographs taken?

Yes No

Containers intact? Yes ☒ No

Caps on tight?

Yes ☒ No

Sufficient Sample Volume:

Yes ☒ NoIf **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 &lt; 2.0?

Yes ☒ No NA Init: ABS /

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 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: 12/12/2022

Event contains NCRs (Y/N)? y

Event ID: Sebastian Boat

SE-DIST-2022-12-12-01 (SMP)

## 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     | 0070 / 2023 / 02         |

### 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:** 12/8/2022      **Collected By:** Jordan Skaggs, Andrew Luering  
**Customer:**      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-11-14-35      **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                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Sebastian 970m downstream of S-157             | <br>G5SE0084   |
| C-54 confluence 1.25 miles downstream of S-157 | <br>G5SE0116   |
| Sebastian @ Dale Wimbrow                       | <br>G5SE0073 |

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 12/8/2022  
1400 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected

Date: 12.22.22 / 9.15



|                                                                                                                                 |                                                         |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| RQ-2022-11-14-35                                                                                                                | Collected By: Jordan Skaggs, Andrew Luering             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Jordan Skaggs, Andrew Luering |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                   |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5SE0084 | Comments:                                               |

Location: Sebastian 970m downstream of S-157

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L)         | DO (%SAT)                                                                    | Temp. °C       | pH                                       | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |   |    |   |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|----------------|------------------------------------------|-------------------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|----|---|---|
| 12/8/2022<br>1040                  | 6.22              | 72.3                                                                         | 22.4           | 7.49                                     | 0.3                           | 1            | 4.5             | 9102                | 5.35                  |              |   |    |   |   |
| 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 #                                                                        | SA2229010      |                                          | Exp:                          | 08/30/2023   |                 |                     |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      |                | X                                        | W-ICP                         | W-HARD       | X               | Ice                 | X                     | HNO3*        | X | <2 | 1 | A |
|                                    |                   | Lot #                                                                        | NA1105100      |                                          | Exp:                          | 06/07/2022   |                 |                     |                       |              |   |    |   |   |
| 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            | A |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |                               |              | Ice             |                     |                       |              |   |    |   |   |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                |                                          |                               | X            | Ice             |                     |                       | 1            | A |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot # |                                          |                               | Formalin     |                 |                     |                       |              |   |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                |                                          |                               |              | Ice             |                     |                       |              |   |    |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |                | F Coli                                   | X                             | Enterococci  | X               | Ice                 |                       | 1            | A |    |   |   |
|                                    |                   | Contract Lab                                                                 |                |                                          |                               |              |                 |                     |                       |              |   |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                | PCR-BacR                                 |                               | PCR-DG3      |                 | 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*       |   |    |   |   |
|                                    |                   | Acid Preservative Expiration Date                                            |                |                                          |                               |              |                 |                     |                       | <2           |   |    |   |   |
|                                    |                   | Acid Preservative Lot Number                                                 |                |                                          |                               |              |                 |                     |                       |              |   |    |   |   |



RQ-2022-11-14-35

Customer: FDEP

Project ID: SMP

Collected By: Jordan Skaggs, Andrew Luering

Field Report Prepared by: Jordan Skaggs, Andrew Luering

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G5SE0116

Location: C-54 confluence 1.25 miles downstream of S-157

Matrix: Marine

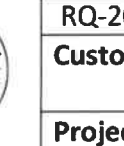
(Check One)

☒ 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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 12/8/2022<br>1100   | 5.04      | 62        | 22.9     | 7.41 | 0.3              | 1.1          | 4.12            | 15345               | 8.88            |

| 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 #                                                                        |                | SA2229010                                | Exp:                          | 08/30/2023  |          |        |                       |              |    |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      |                | X                                        | W-ICP                         | W-HARD      | X        | Ice    | X                     | HNO3*        | X  | <2 | 1 | A |
|                                    |                   | Lot #                                                                        |                | NA1105100                                | Exp:                          | 06/07/2023  |          |        |                       |              |    |    |   |   |
| 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)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |                               |             | Ice      |        |                       |              |    |    |   |   |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                |                                          |                               | X           | Ice      |        |                       | 1            | A  |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot # |                                          |                               |             | Formalin |        |                       |              |    |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                |                                          |                               |             | Ice      |        |                       |              |    |    |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |                | F Coli                                   | X                             | Enterococci | X        | Ice    |                       | 1            | A  |    |   |   |
|                                    |                   | Contract Lab                                                                 |                |                                          |                               |             |          |        |                       |              |    |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                | PCR-BacR                                 |                               | PCR-DG3     |          | 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 µm Filter            |                               |             | Ice      |        | H2SO4*                |              | <2 |    |   |   |
|                                    |                   |                                                                              |                | Add Preservative Expiration Date         |                               |             |          |        |                       |              |    |    |   |   |
|                                    |                   |                                                                              |                | Add Preservative Lot Number              |                               |             |          |        |                       |              |    |    |   |   |

|                                                                                                                                 |           |                                                                            |                                          |                                   |                  |                                                                                         |                 |                     |                |                       |              |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------|------------------------------------------|-----------------------------------|------------------|-----------------------------------------------------------------------------------------|-----------------|---------------------|----------------|-----------------------|--------------|
|                                                |           | RQ-2022-11-14-35                                                           |                                          |                                   |                  | Collected By: Jordan Skaggs, Andrew Luering                                             |                 |                     |                |                       |              |
|                                                                                                                                 |           | Customer: FDEP                                                             |                                          |                                   |                  | Field Report Prepared by: Jordan Skaggs, Andrew Luering                                 |                 |                     |                |                       |              |
|                                                                                                                                 |           | Project ID: SMP                                                            |                                          |                                   |                  | Sampling Agency: FDEP                                                                   |                 |                     |                |                       |              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5SE0073 |           |                                                                            |                                          |                                   |                  | Comments:                                                                               |                 |                     |                |                       |              |
| Location: Sebastian @ Dale Wimbrow                                                                                              |           |                                                                            |                                          |                                   |                  |                                                                                         |                 |                     |                |                       |              |
| Matrix: Marine                                                                                                                  |           |                                                                            |                                          |                                   |                  | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> 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) |                       |              |
| 12/8/2022 1200                                                                                                                  | 4.77      | 54                                                                         | 22.9                                     | 7.45                              | 0.3              | 1.2                                                                                     | 1.3             | 4080                | 2.17           |                       |              |
| 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                                                                                     |                 | <2                  |                |                       |              |
|                                                                                                                                 |           | Lot #                                                                      |                                          | Exp:                              |                  |                                                                                         |                 |                     |                |                       |              |
| Metals (P-500ML)                                                                                                                |           | W-ICPMS                                                                    |                                          | W-ICP                             | W-HARD           | Ice                                                                                     |                 | <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)                                                                                                             |           | CHLSUITE-W                                                                 |                                          |                                   |                  | Ice                                                                                     |                 |                     |                |                       |              |
| Physical/Aggregate (Fresh) (P-1L)                                                                                               |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-C / 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                                                                                   |                 |                     |                |                       |              |
|                                                                                                                                 |           | 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        | x Ice                                                                                   |                 | MCAA Exp.           | MCAA Lot#      | 4                     | B            |
|                                                                                                                                 |           | x W-PCL-TQ-R                                                               | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | x W-CT-CL-R      |                                                                                         |                 |                     |                |                       |              |
|                                                                                                                                 |           | W-TR-SQ-R                                                                  |                                          | x                                 | W-PCB-TQ-R       |                                                                                         |                 |                     |                |                       |              |
| Phytoplankton                                                                                                                   |           | DTY-QN-C                                                                   |                                          | PKD-QN-BV                         |                  | Ice                                                                                     |                 |                     |                |                       |              |
| DOC                                                                                                                             |           | W-DOC                                                                      |                                          | Field Filtered 0.45 um Filter     |                  | Ice                                                                                     |                 | <2                  |                |                       |              |
|                                                                                                                                 |           |                                                                            |                                          | Acid Preservative Expiration Date |                  |                                                                                         |                 |                     |                |                       |              |
|                                                                                                                                 |           |                                                                            |                                          | Acid Preservative Lot Number      |                  |                                                                                         |                 |                     |                |                       |              |

Date of Request: 18-OCT-2022  
 Created By: LUERING\_A On: 18-OCT-2022  
 Modified By: JASROTIA\_P On: 26-OCT-2022  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: Sebastian Boat

**Send Coolers To:**

Phone: (772) 380-5572  
 FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Cooler Ship EMail: Jordan.Skaggs@FloridaDEP.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 26-OCT-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 26-OCT-2022  
 Sampling Kit Required: YES Ship on: 07-NOV-2022  
 Sampling Kit Shipped: YES On: 04-NOV-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: NO  
 Date to Receive Samples: 18-NOV-2022  
 Logged In By: SHAIK\_A On: 12-DEC-2022

**Send Final Report To:**

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

**Comments:**

Bottle Group A (3M nut, entero, metals)  
 -G5SE0084  
 -G5SE0116

Bottle Group B (entero, W-CT, W-PCB, W-PCL)  
 -G5SE0073

**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 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                   |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: 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                    |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-MARINE | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Vanadium             |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template: SMP-MARINE | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Strontium           |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| 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-250ML-WO-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                               |
| ENT-24-QT                     | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems      |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                               |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                    |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS      |

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