

## McCoy, Ian

---

**From:** Reistad, Nicole  
**Sent:** Thursday, April 1, 2021 5:01 PM  
**To:** McCoy, Ian; Wolfe, Kirby; Snorek, Gary; Carroll, Miranda; Hormuth, Chris  
**Cc:** Ayres, Joshua  
**Subject:** RE: Lugol Samples

Hi Ian,

Yes, these sites were supposed to have Lugols samples. Thank you for checking in with us.



**Nicole Reistad**  
Environmental Specialist II  
Environmental Assessment and Restoration – South ROC  
Florida Department of Environmental Protection  
2295 Victoria Avenue Suite 364  
Fort Myers, FL 33901  
[Nicole.Reistad@FloridaDEP.gov](mailto:Nicole.Reistad@FloridaDEP.gov)  
Office: 239-344-5718

---

**From:** McCoy, Ian <[Ian.McCoy@FloridaDEP.gov](mailto:Ian.McCoy@FloridaDEP.gov)>  
**Sent:** Thursday, April 1, 2021 4:46 PM  
**To:** Reistad, Nicole <[Nicole.Reistad@FloridaDEP.gov](mailto:Nicole.Reistad@FloridaDEP.gov)>; Wolfe, Kirby <[Kirby.Wolfe@FloridaDEP.gov](mailto:Kirby.Wolfe@FloridaDEP.gov)>; Snorek, Gary <[Gary.Snorek@dep.state.fl.us](mailto:Gary.Snorek@dep.state.fl.us)>; Carroll, Miranda; Hormuth, Chris <[Chris.Hormuth@FloridaDEP.gov](mailto:Chris.Hormuth@FloridaDEP.gov)>  
**Cc:** Ayres, Joshua <[Joshua.Ayres@dep.state.fl.us](mailto:Joshua.Ayres@dep.state.fl.us)>  
**Subject:** FW: Lugol Samples

Good afternoon, just touching base again to see if there's been an update on this. Nothing serious, just want to confirm the data goes to the right place.

---

**From:** McCoy, Ian  
**Sent:** Thursday, April 1, 2021 11:07 AM  
**To:** Hormuth, Chris <[Chris.Hormuth@FloridaDEP.gov](mailto:Chris.Hormuth@FloridaDEP.gov)>; Mullen, William <[William.Mullen@FloridaDEP.gov](mailto:William.Mullen@FloridaDEP.gov)>  
**Cc:** Ayres, Joshua (<[Joshua.Ayres@dep.state.fl.us](mailto:Joshua.Ayres@dep.state.fl.us)>) <[Joshua.Ayres@dep.state.fl.us](mailto:Joshua.Ayres@dep.state.fl.us)>  
**Subject:** Lugol Samples

Good morning, I received two Lugol samples that weren't indicated on the paperwork. I just wanted to confirm that "Bonnet Lake @ Middle" and "LittleRedWaterLake@Mid" were supposed to have these samples. I can do the edits, I just wanted confirmation first. Attached is a picture of the samples. Have a great day!

---

**From:** Hormuth, Chris <[Chris.Hormuth@FloridaDEP.gov](mailto:Chris.Hormuth@FloridaDEP.gov)>  
**Sent:** Wednesday, March 31, 2021 3:07 PM  
**To:** Lab.Receiving <[Lab.Receiving@floridadep.gov](mailto:Lab.Receiving@floridadep.gov)>  
**Cc:** Mullen, William <[William.Mullen@FloridaDEP.gov](mailto:William.Mullen@FloridaDEP.gov)>  
**Subject:** RQ-2021-02-15-39

Packet attached.



**Chris Hormuth**  
Environmental Specialist II  
Division of Environmental Assessment and  
Restoration  
Florida Department of Environmental Protection  
South District Office  
2295 Victoria Ave, Suite 364  
Fort Myers, FL 33901  
Office: (239)-344-5610  
[Chris.Hormuth@floridadep.gov](mailto:Chris.Hormuth@floridadep.gov)

RQ-2021-02-15-39

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/1/2021 9:45

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.0                 |                 |                                        |          | 2                                     |               | ✓  |          |    | 9293 80101362      |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

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

Yes ☐ No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

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

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: \_\_\_\_\_

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: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 4/1/2021

Event contains NCRs (Y/N)? ☒

Event ID:

2021 SMP : Sebring Lakes  
SO-DIST-2021-04-01-02 (SMP)

Date Received: 01-APR-2021 09:45

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/28/21 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 231019 exp: 11/1/22         |
| Chlorine Test Strips     | 0129 exp: 03/2023           |

### Additional Comments:

Only Group B Lugol  
Samples

### ENCORE SAMPLES

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

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

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

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

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

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

### **FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):**

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 3/31/2021 **Collected By:** William Mullen, Chris Hormuth  
**Customer:** SO-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2021-02-15-39 **Project ID:** SMP

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

**Number of Coolers Shipped:** 2

**Delivery Method:** FedEx

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

| Site Location                  | Field ID/WIN ID                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| Lake Glenada                   | <br>G4SD0179   |
| Little Red Water Lake @ Middle | <br>G4SD0171   |
| Bonnet Lake @ Middle           | <br>G4SD0170 |
| Little Lake Jackson            | <br>G4SD0183 |

RELINQUISHED BY(SIGNATURE):

*Chris Hormuth*

DATE/TIME:

03/31/2021 1400

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

IM

Rec'd/Inspected

Date:

4/1/21

IM  
4/1/21

Event only for Group B

Lugol samples - IM  
4/1/21



RQ-2021-02-15-39

Customer: FDEP

Project ID: SMP

Collected By: William Mullen, Chris Hormuth

Field Report Prepared by: William Mullen, Chris Hormuth

Sampling Agency: FDEP

Comments:

 WIN ID/Field ID:   
 WIN ID/Field ID: G4SD0179

Location: Lake Glenada

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L) | DO (%SAT)                                                                   | Temp. °C  | pH                                         | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPTH)       |              |    |   |   |
|---------------------------------------------------|-----------|-----------------------------------------------------------------------------|-----------|--------------------------------------------|------------------|--------------|-----------------|--------------------|-----------------------|--------------|----|---|---|
| 3/31/2021 1015                                    | 9.93      | 122.6                                                                       | 26.1      | 9.23                                       | 0.3              | 1.5          | 10              | 197.7              | 0.09                  |              |    |   |   |
| Central Lab please use top row for login purposes |           |                                                                             |           |                                            |                  |              |                 |                    |                       |              |    |   |   |
| 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 #                                                                       | SA0353110 |                                            | Exp:             | 1/11/22      |                 |                    |                       |              |    |   |   |
| Metals (P-500ML)                                  |           | W-ICPMS                                                                     |           | W-ICP                                      | W-HARD           | Ice          | HNO3*           |                    | <2                    |              |    |   |   |
|                                                   |           | Lot #                                                                       |           |                                            | Exp:             |              |                 |                    |                       |              |    |   |   |
| Filtered Nutrients (P125ML)                       | X         | W-PO4-F                                                                     | X         | Field Filtered 0.45 um Filter              |                  | X            | Ice             |                    |                       |              |    | 1 | A |
|                                                   |           | Filter Lot #                                                                | 17101170  |                                            |                  |              |                 |                    |                       |              |    |   |   |
|                                                   |           | Syringe Lot #                                                               | 118593    |                                            |                  |              |                 |                    |                       |              |    |   |   |
| Chlorophyll (BP-1L)                               | X         | CHLSUITE-W                                                                  |           |                                            |                  | X            | Ice             |                    |                       |              |    | 1 | A |
| Physical/Aggregate (Fresh) (P-1L)                 | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS |           |                                            |                  | X            | Ice             |                    |                       |              |    | 1 | A |
| Physical/Aggregate (Marine) (P-1L)                |           | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |           |                                            |                  |              | Ice             |                    |                       |              |    |   |   |
| Macroinvertebrates (PJ-2L)                        |           | MI-FW-QLDC                                                                  |           |                                            |                  |              | Ice             |                    |                       |              |    |   |   |
| 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             |                    |                       |              |    |   |   |
|                                                   |           |                                                                             |           |                                            | W-DIELDIN        |              |                 |                    |                       |              |    |   |   |
|                                                   |           | W-PCL-SQ-R                                                                  |           | W-CARB-AA (5 ml of MCAA** Buffer Solution) | W-CT-CL-R        |              |                 |                    |                       |              |    |   |   |
| Phytoplankton                                     |           | DTY-QN-C                                                                    |           | PKD-QN-BV                                  |                  | Ice          |                 |                    |                       |              |    |   |   |

Not included in this login  
-IM 4/1/21



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2021-02-15-39 | Collected By: Chris Hormuth, William Mullen             |
| Customer: FDEP   | Field Report Prepared by: Chris Hormuth, William Mullen |
| Project ID: SMP  | Sampling Agency: FDEP                                   |

WIN ID/Field ID:   
WIN ID/Field ID: G4SD0171

Location: Little Red Water Lake @ Middle

Matrix: Fresh

Comments:

(Check One) ☒ Grab ☐ Composite

| Date and Time     | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/31/2021<br>1110 | 7.55      | 93.8      | 26.4     | 7.15 | 0.3              | 1.2          | 1.9             | 115.4              | 0.05           |

Central Lab please use top row for login purposes

| 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 #             |                                                                              | SA0353110 |                                             |                               | Exp:        |   | 1/11/22      |     |        |          |    |                       |              |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |           | W-ICP                                       |                               | W-HARD      |   |              | Ice |        | HNO3*    |    | <2                    |              |  |
|                                    | Lot #             |                                                                              | Exp:      |                                             |                               |             |   |              |     |        |          |    |                       |              |  |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      |           | X                                           | Field Filtered 0.45 um Filter |             |   | X            | Ice |        |          |    | 1                     | A            |  |
|                                    | Filter Lot #      |                                                                              | 17101170  |                                             |                               |             |   |              |     |        |          |    |                       |              |  |
|                                    | Syringe Lot #     |                                                                              | 118593    |                                             |                               |             |   |              |     |        |          |    |                       |              |  |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |           |                                             |                               |             | X | Ice          |     | 1      |          |    | A                     |              |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                                             |                               |             | X | Ice          |     | 1      |          |    | A                     |              |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                                             |                               |             |   | Ice          |     |        |          |    |                       |              |  |
| Macroinvertebrates (PJ-2L)         | *                 | MI-FW-QLDC                                                                   |           |                                             |                               |             |   | Ice          |     |        |          |    |                       |              |  |
| 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 |        |          |    |                       |              |  |
|                                    |                   |                                                                              |           |                                             |                               | W-DIELDRIN  |   |              |     |        |          |    |                       |              |  |
|                                    |                   | W-PCL-SQ-R                                                                   |           | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-CT-CL-R   |   |              |     |        |          |    |                       |              |  |
| Phytoplankton                      | X                 | DTY-QN-C                                                                     |           | X                                           | PKD-QN-BV                     |             | X | Ice          |     |        |          | 1  | B                     |              |  |

RQ-2021-02-15-39

Collected By: Chris Hormuth, William Mullen

Taken from email -IM  
4/1/21



Customer: FDEP

Field Report Prepared by: Chris Hormuth, William Mullen

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0170

Comments:

Location: Bonnet Lake @ Middle

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time     | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/31/2021<br>1150 | 6.98      | 86.4      | 26.5     | 7.07 | 0.3              | 0.7          | 2.8             | 239.8              | 0.11           |

Central Lab please use top row for login purposes

| 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 #                                                                        |  | SA0353110                                   |                               | Exp:        |              | 1/11/22 |          |   |                       |              |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |  | W-ICP                                       |                               | W-HARD      |              |         | Ice      |   | <2                    |              |   |
|                                    |                   | Lot #                                                                        |  |                                             |                               | Exp:        |              |         |          |   |                       |              |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      |  | X                                           | Field Filtered 0.45 um Filter |             | X            | Ice     |          |   |                       | 1            | A |
|                                    |                   | Filter Lot #                                                                 |  | 17101170                                    |                               |             |              |         |          |   |                       | 1            | A |
|                                    |                   | Syringe Lot #                                                                |  | 118593                                      |                               |             |              |         |          |   |                       | 1            | A |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |  |                                             |                               | X           | Ice          |         | 1        |   |                       | A            |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |  |                                             |                               | X           | Ice          |         | 1        |   |                       | A            |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |  |                                             |                               |             | Ice          |         |          |   |                       |              |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   |  |                                             |                               |             | Ice          |         |          |   |                       |              |   |
| 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                                     |                               |             |              |         | Ice      |   |                       |              |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |  | W-E8321-MS                                  |                               |             |              |         | Ice      |   |                       |              |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                   |  | W-E8321-MS                                  |                               | W-PSNP-TQ   |              |         | Ice      |   |                       |              |   |
|                                    |                   | W-PCL-SQ-R                                                                   |  | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-DIELDRIN  |              |         |          |   |                       |              |   |
|                                    |                   |                                                                              |  |                                             |                               | W-CT-CL-R   |              |         |          |   |                       |              |   |
| Phytoplankton                      | X                 | DTY-QN-C                                                                     |  | X                                           | PKD-QN-BV                     |             | X            | Ice     |          |   |                       | 1            | B |

RQ-2021-02-15-39

Collected By: William Mullen, Chris Hormuth

Taken from Email

-IM

4/1/21



Customer: FDEP

Field Report Prepared by: William Mullen, Chris Hormuth

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G4SD0183

Comments:

Location: Little Lake Jackson

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time     | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/31/2021<br>1235 | 11        | 137.6     | 27       | 9.82 | 0.3              | 0.7          | 6.6             | 125.3              | 0.06           |

Central Lab please use top row for login purposes

| 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 #                                                                      |  | SA0353110                                   |                               | Exp:        |              | 1/11/22 |          |   |                       |              |   |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                    |  | W-ICP                                       |                               | W-HARD      |              |         | Ice      |   | <2                    |              |   |  |
|                                    |                   | Lot #                                                                      |  |                                             |                               | Exp:        |              |         |          |   |                       |              |   |  |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                    |  | X                                           | Field Filtered 0.45 um Filter |             | X            | Ice     |          |   |                       | 1            | A |  |
|                                    |                   | Filter Lot #                                                               |  | 17101170                                    |                               |             |              |         |          |   |                       |              |   |  |
|                                    |                   | Syringe Lot #                                                              |  | 118593                                      |                               |             |              |         |          |   |                       |              |   |  |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                 |  |                                             |                               |             | X            | Ice     |          |   |                       | 1            | A |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TD |  |                                             |                               |             | X            | Ice     |          |   |                       | 1            | A |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                             |  |                                             |                               |             |              | Ice     |          |   |                       |              |   |  |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                 |  |                                             |                               |             |              | Ice     |          |   |                       |              |   |  |
| 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      |   |                       |              |   |  |
|                                    |                   |                                                                            |  |                                             |                               | W-DIELDRIN  |              |         |          |   |                       |              |   |  |
|                                    |                   | W-PCL-SQ-R                                                                 |  | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-CT-CL-R   |              |         |          |   |                       |              |   |  |
| Phytoplankton                      |                   | DTY-QN-C                                                                   |  | PKD-QN-BV                                   |                               |             |              |         | Ice      |   |                       |              |   |  |

Not included in this login

→ IM 4/1/21

Date of Request: 27-JAN-2021  
 Created By: HORMUTH\_C On: 27-JAN-2021  
 Modified By: JASROTIA\_P On: 28-JAN-2021  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2021 SMP : Sebring Lakes

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Chris Hormuth  
 Cooler Ship EMail: Chris.Hormuth@FloridaDEP.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 28-JAN-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 28-JAN-2021  
 Sampling Kit Required: YES Ship on: 05-FEB-2021  
 Sampling Kit Shipped: YES On: 01-FEB-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 15-FEB-2021  
 Logged In By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Chris Hormuth  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; Gary.Snorek@dep.state.fl.us; Miranda.Carroll@FloridaDEP.gov; Chris.Hormuth@FloridaDEP.gov

Comments: Group A: Freshwater Nutrients  
 Group B: (Red, Bonnet) Phytoplankton

Receiving, log algae samples in under separate Event, Priority 12

**Bottle Group A (Water) With 4 Samples:**

|                       |                      |                                                                                                        |
|-----------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 4 | Preserved With: ICE                                                                                    |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                             |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                     |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                      |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                        |
| Color (true)          |                      |                                                                                                        |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO <sub>4</sub> -IC | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                       |
| W-TDS                 | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                            |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

|                                   |                      |                                                                     |
|-----------------------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML              | Number of Bottles: 4 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>              |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 4 | Preserved With: FILTER-ICE                                                               |
| W-PO <sub>4</sub> -F | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                    |                      |                                                                                               |
|--------------------|----------------------|-----------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 2 | Preserved With: Lugols                                                                        |
| DTY-QN-C           | Template: DEFAULT    | (SOP-AB05_1) No. of diatom taxa of quantitative phytoplankton sample.                         |
| PKD-QN-BV          | Template: DEFAULT    | (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts. |

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