

SMP: Cocohatchee Golf Course Discharge

## Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Danny Berger

Project ID: SMP

Collected By: DB + CL

Sampling Agency: FDEP South

|                                                                                         |  |                                                                           |                                                          |                                                                                                                       |                                   |                               |
|-----------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|
| Location                                                                                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3-9-16 Time 1125 | Eastern<br>Central                                                                                                    | Composite end<br>Date - Time -    | Bottle Group(s)<br>(See pg 2) |
| RQ-2016-03-07-67<br>3/9/2016<br>3278C<br>Cocohatchee @<br>Wiggins Pass Rd.<br>Above Dam |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                          | Diss. Oxygen<br>5.6mg/L 66%<br><input checked="" type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat  | Total Res. Chlorine<br>(mg/L)     | A                             |
| Field ID<br>G1SD03092016-4<br>STORET<br>EVRGWC0082FTM                                   |  | Temp<br>(C) 23.4                                                          | pH 6.7                                                   | Sample Depth 0.3<br><input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m                              | Sp. Conductance<br>(umho/cm) 1091 |                               |
| <input type="checkbox"/> dd<br><input type="checkbox"/> dms                             |  | Salinity<br>(ppt) -                                                       | Comments<br>Total Depth: 0.7m Secchi: 0.7m <sup>s</sup>  |                                                                                                                       |                                   |                               |
| Location                                                                                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3-9-16 Time 1115 | Eastern<br>Central                                                                                                    | Composite end<br>Date - Time -    | Bottle Group(s)               |
| RQ-2016-03-07-67<br>3/9/2016<br>3278C<br>3278C @ bridge by<br>CVS on Old 41             |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                          | Diss. Oxygen<br>8.8mg/L 105%<br><input checked="" type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     | A                             |
| Field ID<br>G1SD03092016-5<br>STORET<br>G1SD0051                                        |  | Temp<br>(C) 23.7                                                          | pH 6.7                                                   | Sample Depth 0.3<br><input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m                              | Sp. Conductance<br>(umho/cm) 1057 |                               |
| <input type="checkbox"/> dd<br><input type="checkbox"/> dms                             |  | Salinity<br>(ppt) -                                                       | Comments<br>Total Depth: 0.4m Secchi: 0.4m <sup>s</sup>  |                                                                                                                       |                                   |                               |
| Location                                                                                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 3-9-16 Time 1135 | Eastern<br>Central                                                                                                    | Composite end<br>Date - Time -    | Bottle Group(s)               |
| RQ-2016-03-07-67<br>3/9/2016<br>Blank                                                   |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                          | Diss. Oxygen<br>-<br><input checked="" type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)     | A                             |
| Field ID<br>G1SD03092016-3<br>STORET<br>Blank                                           |  | Temp<br>(C) -                                                             | pH -                                                     | Sample Depth 0.3<br><input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m                              | Sp. Conductance<br>(umho/cm) -    |                               |
| <input type="checkbox"/> dd<br><input type="checkbox"/> dms                             |  | Salinity<br>(ppt) -                                                       | Comments<br>Total Depth: - Secchi: -                     |                                                                                                                       |                                   |                               |
| Location                                                                                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date - Time -         | Eastern<br>Central                                                                                                    | Composite end<br>Date - Time -    | Bottle Group(s)               |
| Field ID                                                                                |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                          | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                                       | Total Res. Chlorine<br>(mg/L)     |                               |
| STORET #                                                                                |  | Temp<br>(C)                                                               | pH                                                       | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m                                             | Sp. Conductance<br>(umho/cm)      |                               |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                 |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity<br>(ppt)                                        | Comments                                                                                                              |                                   |                               |

|                               |                        |                        |              |            |                  |            |                 |                         |
|-------------------------------|------------------------|------------------------|--------------|------------|------------------|------------|-----------------|-------------------------|
| Relinquished By: Danny Berger | Date/Time: 3-9-16/1230 | Shipping Method: FedEx | Received By: | Date/Time: | Relinquished By: | Date/Time: | Received By: SK | Date/Time: 3-10-16/1055 |
|-------------------------------|------------------------|------------------------|--------------|------------|------------------|------------|-----------------|-------------------------|

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | BOD-UNIN     |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 3 |
|          | W-ICP        |         |                 |               |               |                                     |   |
|          | W-ICPMS      |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 3 | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab | 3 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |

Date of Request: 25-FEB-2016  
 Created By: PASWATER\_B On: 25-FEB-2016  
 Modified By: SWANSON\_C On: 25-FEB-2016  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Sampling Event: SMP: Cocohatchee Golf Course Discharge

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901  
 Attn: Ben Paswater

**Program Module Number:**

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 25-FEB-2016  
 Biology Request Reviewed By: SWANSON\_C On: 25-FEB-2016  
 Sampling Kit Required: YES Ship on: 26-FEB-2016  
 Sampling Kit Shipped: YES On: 25-FEB-2016  
 Sampling Kit Packed By: LASHLEY\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 07-MAR-2016  
 Received By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901  
 Attn: Ben Paswater

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Comments: C Kit for Cocohatchee Golf Course Dishcharge

**Bottle Group A (Water) With 3 Samples:**

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-97) 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) True Color measured at 450 nm                                                                                                      |
| Color (true)          |                      |                                                                                                                                                |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-97) 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-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                                                      |
| Bottle Type: P-1L     | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| BOD-UNIN              | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                                                        |
| Bottle Type: BP-1L    | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W            | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry                             |
| Bottle Type: P-500ML  | Number of Bottles: 3 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                 | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic               |                      |                                                                                                                                                |

**Bottle Group A (Water) With 3 Samples:**

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Cadmium

Copper

Lead

Silver

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | 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-00) Nonpurgeable Organic Carbon in aqueous matrices      |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 3 | Preserved With: ICE-FLTR                                                                 |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |



RQ-2016-03-07-67

## Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 3/10/16/10:55

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | -1.2                | 18                              |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

\*\*Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

\*\*Chain Of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

\*\*Caps on tight? Yes ☒ No ☐ \*\*Containers intact? Yes ☒ No ☐

\*\*Sufficient Sample Volume: Yes ☒ No ☐

## CHLORINE CHECK (Blue dot on container)

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |               |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|---------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis      | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF    |     |    |
| W-AHERB-AA (-AHB-AA-R)                                                                               |     |    | W-PCL-SQ (-R) |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT      |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PESTNP-R    |     |    |
| W-ENDO-AA                                                                                            |     |    | W-PSCL-TQ     |     |    |
| W-GLYPH                                                                                              |     |    | W-PSNP-TQ     |     |    |
| W-NP-AA-SF                                                                                           |     |    | W-PST-CL-R    |     |    |
| W-PAH (-R)                                                                                           |     |    | W-TR-TQ       |     |    |
| W-PCB-R                                                                                              |     |    |               |     |    |

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

\*\*Acid Preserved Samples: pH  $\leq$  2.0? Yes ☒ No ☐ NA ☐ Init: SK

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

Coolers Unpacked/Checked by: SK Date: 3-10-16

NCRs (Y/N)? N

Event ID: SD-DIST-2016-03-10-02

NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | Action Taken |
|----------|-------------------|---------|--------------|
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## ENCORE SAMPLES

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

Were Encore samples received? Yes\_\_\_\_\_ No\_\_\_\_\_

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\_\_\_\_\_

#### FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

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

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

**Additional Comments:**

0885

000

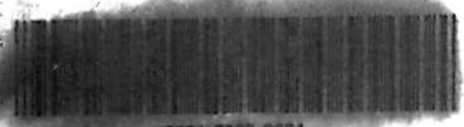
**FedEx** Package  
Express US Airbill

FedEx Tracking Number 8094 7803 2551

1 From  
Date 3-9-16  
Sender's Name Danny Berger  
Company FIDEP South  
Address 2015 1/2 Ave Suite 364  
City Fort Myers State FL ZIP 33901

2 Your Internal Billing Reference

3 To  
Recipient's Name SAMPLE RECEIVING  
Phone 850 245-8085  
Company FLORIDA DEP/CHEMISTRY SECTION  
Address 2600 BLAIRSTONE RD  
City TALLAHASSEE State FL ZIP 32399



8094 7803 2551

Form ID No. 0215

4 Express Package Service

Next Business Day

- ☐ FedEx First Overnight
- ☒ FedEx Priority Overnight
- ☐ FedEx Standard Overnight

5 Packaging

- ☐ FedEx Envelope

6 Special Handling and Declaration

- ☐ Saturday Delivery
- ☐ No Signature Required

Does this shipment contain dangerous goods?

- ☒ No
- ☐ Yes

7 Payment Bill to:

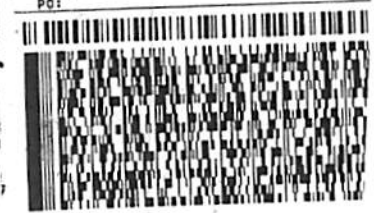
- ☐ Sender
- ☒ Recipient

Total Packages Total Weight

ORIGIN ID: FMYA (850) 245-8085  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD  
TALLAHASSEE, FL 323996542  
UNITED STATES US

TO  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399  
(850) 245-8085 REF:



TH# 8094 7803 2551  
0215

**XH TLHA**

