

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

|                                                                                                        |                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Date:</b> <u>1/19/2021</u><br><b>Customer:</b> <u>SW-DIST</u><br><b>RQ:</b> <u>RQ-2021-01-18-13</u> | <b>Collected By:</b> <u>Ben Paswater, Francisco Faria</u><br><b>Sampling Agency:</b> <u>FDEP</u><br><b>Project ID:</b> <u>SMP</u> |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|

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

**Number of Coolers Shipped: 1**

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

| Site Location                    | Field ID/WIN ID                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| Snug Harbor- Tp428               | <br>G1SW0099   |
| St Joe Tidal @ 54th Ave          | <br>G5SW0170   |
| St Joe Tidal By Westchester Blvd | <br>G5SW0169 |

RELINQUISHED BY(SIGNATURE):

*Ben Paswater*

DATE/TIME:

1/19/2021 1700

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected Date:**

Some parameters for this RQ were not needed and were not sampled.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 1/19/2021 **Collected By:** Ben Paswater, Francisco Faria  
**Customer:** SW-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2021-01-18-13 **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**

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

| Site Location | Field ID/WIN ID                                                                                |
|---------------|------------------------------------------------------------------------------------------------|
| PP Ditch 1    | <br>G5SW0134 |

RELINQUISHED BY(SIGNATURE):

DATE/TIME:

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: Ben Paswater Rec'd/Inspected Date: 1/19/2021 1700

Benchmark EnviroAnalytical, Inc  
1711 12<sup>th</sup> Street East  
Palmetto, FL 34221  
941-723-9986  
941-723-6061 Fax

**Client Information: FDEP**

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5772

Report to: Judy.ashton@dep.state.fl.us

Invoice to: FDEP Micro Overflow

*Benjamin Prosser  
@dep.state.fl.us*

Project Name: RQ-2021-01-18-13

Laboratory Submission # 21010844

| Sample Name | Sample Type <sup>1</sup> / Sample Matrix <sup>2</sup> | Collection |      | Container |          |                   | Preservative <sup>4</sup> | Parameters for Analysis | Laboratory Sample # |
|-------------|-------------------------------------------------------|------------|------|-----------|----------|-------------------|---------------------------|-------------------------|---------------------|
|             |                                                       | Date       | Time | Qty       | Capacity | Type <sup>3</sup> |                           |                         |                     |
| G1SW0099    |                                                       | 1/19/21    | 950  | 2         |          |                   | Ice                       | Fecal and Enteroc       | 1                   |
| G5SW0134    |                                                       | ↓          | 1130 | 1         |          |                   | ↓                         | Enteroc                 | 2                   |
| G5SW0170    |                                                       | ↓          | 1200 | 1         |          |                   | ↓                         | Enteroc                 | 3                   |
| G5SW0169    |                                                       | ↓          | 1210 | 1         |          |                   | ↓                         | Enteroc                 | 4                   |
|             |                                                       |            |      |           |          |                   |                           |                         |                     |
|             |                                                       |            |      |           |          |                   |                           |                         |                     |
|             |                                                       |            |      |           |          |                   |                           |                         |                     |

1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).  
2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDAINT), or sludge (SLDG).  
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).  
4. Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).  
Under "Preservative," list any preservatives that were added to the sample container.

Instructions:  
1. Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.  
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.  
3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.  
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

Temperature: 0.5°C

|   |                                                 |                      |                   |                           |                      |                   |
|---|-------------------------------------------------|----------------------|-------------------|---------------------------|----------------------|-------------------|
| 1 | Collected / Relinquished By: <u>Ben Prosser</u> | Date: <u>1/19/21</u> | Time: <u>1315</u> | Received By: <u>A. H.</u> | Date: <u>1-19-21</u> | Time: <u>1315</u> |
| 2 | Relinquished By:                                | Date:                | Time:             | Received By:              | Date:                | Time:             |



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

WIN Station Name: PP Ditch 1 Date:

WIN/Field ID: G5SW0134 WBID: 1662 ENR: 1/19/2021

County: Pinellas Org ID: SWROC Latitude:

Receiving Body of Water: Gulf of Mexico Longitude:

RQ- 2021-01-18-13

| Sampling Team Members               |                 | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Ben Paswater    | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Francisco Faria |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: Secchi #2                       |                                         |
| Collection Method                                    |                                         |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak    |
| <input checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                  |  |                                          |                             |                              |                              |                                   |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------------|------------------------------------------------------------------|
| Water Level: <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded |  |                                          |                             |                              |                              | Meter ID# LEIA                    |                                                                  |
| Photos: YES                                                                                                                                                                                                      |  | Flow: FLOW                               |                             | Tide: N/A                    |                              | Tide Times: High: Low:            |                                                                  |
| Biological Samples Collected:                                                                                                                                                                                    |  | <input checked="" type="checkbox"/> None | <input type="checkbox"/> HA | <input type="checkbox"/> SCI | <input type="checkbox"/> RPS | <input type="checkbox"/> Algae ID | <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |
| SBIO ID Numbers:                                                                                                                                                                                                 |  |                                          |                             |                              |                              |                                   |                                                                  |
| Notes:                                                                                                                                                                                                           |  |                                          |                             |                              |                              |                                   |                                                                  |

## Duplicate Sample

|                      |       |               |              |
|----------------------|-------|---------------|--------------|
| Time Zone: EST       | Time: | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |       |               |              |

## Blank

|                         |       |                    |                      |
|-------------------------|-------|--------------------|----------------------|
| Time Zone:              | Time: | Field ID:          | (Blank Type_DDDMMYY) |
| DI Source:              |       | Location:          |                      |
| DI Type:                |       | Equipment ID:      |                      |
| DI Container (Name/ID): |       | DI Container Type: |                      |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:



RQ-2021-01-18-3

Customer: WQAP

Project ID: SMP

Collected By: Ben Paswater, Francisco Faria

Field Report Prepared By: Ben Paswater

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5SW0134

Location: PP Ditch 1

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time        | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                                    | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-----------|-------------|-----------|-----------|------------|------|------------------|----------------------------------------------------|-----------------|--------------------|----------------|
| 1/12/2021 | 1130<br>EST | 8.53      | 86.7      | 15.6       | 7.74 | 0.3              | 0.7<br><input checked="" type="checkbox"/> VOB (S) | 0.7             | 3269               | 1.72           |
|           | EST         |           |           |            |      |                  | 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)      | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                                                                                                                                               | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                        | <input type="checkbox"/> <2            |                       |              |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                          | <input type="checkbox"/> Ice                                                       |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                  |                                        |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                                                                | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                            | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                 | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDRIN | <input checked="" type="checkbox"/> Ice                                            |                                        | 4                     | D            |
| Phytoplankton/Periphyton           | DTM-QL-C <input type="checkbox"/> PEN-QL-C <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C<br>DTM-QN-C <input type="checkbox"/> PRN-QN-C <input type="checkbox"/> PKD-QN-BV                                                                                                         | <input type="checkbox"/> Ice                                                       |                                        |                       |              |

Name:  
Ben Paswater  
Francisco Faria

Signature:

Date:

1/19/2021

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

WIN Station Name: Snug Harbor- Tp428

Date: 1/19/2021

WIN/Field ID: G1SW0099

WBID: 1654

ENR:

Latitude: 27.8629

County: PINELLAS

Org ID: 21FLTPA

Longitude: -82.6163

Receiving Body of Water: Tampa Bay

RQ: 2021-01-18-13

| Sampling Team Members               |                 | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Ben Paswater    | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Francisco Faria |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: Secchi #2                       |                                         |
| Collection Method                                    |                                         |
| <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Canoe/Kayak    |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                 |            |                |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|------------------------|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# LEIA |                        |
| Photos: YES                                                                                                                                                                                                                                                     | Flow: FLOW | Tide: RISING   | Tide Times: High: Low: |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |                |                        |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |                |                        |
| Notes:                                                                                                                                                                                                                                                          |            |                |                        |

## Duplicate Sample

|                      |       |               |              |
|----------------------|-------|---------------|--------------|
| Time Zone: EST       | Time: | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |       |               |              |

## Blank

|                         |               |                    |                      |
|-------------------------|---------------|--------------------|----------------------|
| Time Zone:              | Time:         | Field ID:          | (Blank Type_DDDMMYY) |
| DI Source:              | Location:     |                    |                      |
| DI Type:                | Equipment ID: |                    |                      |
| DI Container (Name/ID): |               | DI Container Type: |                      |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:



RQ-2021-01-18-13

Customer: WQAP

Project ID: SMP

Collected By: Ben Paswater, Francisco Faria

Field Report Prepared By: Ben Paswater

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G1SW0099

Location: Snug Harbor- Tp428

Comments:

Matrix: Marine

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time       | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                                    | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT <sub>h</sub> ) |
|-----------|------------|-----------|-----------|------------|------|------------------|----------------------------------------------------|-----------------|--------------------|------------------------------|
| 1/19/2021 | 950<br>EST | 6.35      | 75.6      | 17         | 7.56 | 0.3              | 0.8<br><input checked="" type="checkbox"/> VOB (S) | 0.8             | 36906              | 23.42                        |
|           | EST        |           |           |            |      |                  | 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)      | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                                                                                                                                               | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4* | <input type="checkbox"/> <2 |                       |              |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                                                                                                                                    | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*  | <input type="checkbox"/> <2 |                       |              |
| Filtered Nutrients (P125ML)        | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                                                                                                                                         | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Chlorophyll (BP-1L)                | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                          | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                         | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                          | <input type="checkbox"/> Formalin                            |                             |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                            | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Microbiology (Contract Lab Bottle) | <input checked="" type="checkbox"/> E Coli <input checked="" type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                                          | <input checked="" type="checkbox"/> Ice                      |                             | 1                     | B and E      |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                 | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDRIN | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Phytoplankton/Periphyton           | DTM-QL-C <input type="checkbox"/> PEN-QL-C <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C<br>DTM-QN-C <input type="checkbox"/> PRN-QN-C <input type="checkbox"/> PKD-QN-BV                                                                                              | <input type="checkbox"/> Ice                                 |                             |                       |              |

Name:  
Ben Paswater  
Francisco Faria

Signature:

Date:

1/19/2021

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

**WIN Station Name:** St Joe Tidal By Westchester Blvd **Date:** 1/19/2021  
**WIN/Field ID:** G5SW0169 **WBID:** 1668E **ENR:** **Latitude:** 27.8265  
**County:** PINELLAS **Org ID:** 21FLTPA **Longitude:** -82.7439  
**Receiving Body of Water:** Springs Coast **RQ:** 2021-01-18-13

| Sampling Team Members               |                 | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Ben Paswater    | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Francisco Faria |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: Secchi #2                       |                                         |
| Collection Method                                    |                                         |
| <input checked="" type="checkbox"/> Wading           | <input type="checkbox"/> Canoe/Kayak    |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other _____                 | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                        |  |                   |  |                  |  |                                  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|------------------|--|----------------------------------|--|--|--|--|--|
| <b>Water Level:</b> <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |  |                   |  |                  |  | <b>Meter ID#</b> LEIA            |  |  |  |  |  |
| <b>Photos:</b> YES                                                                                                                                                                                                                                                     |  | <b>Flow:</b> FLOW |  | <b>Tide:</b> N/A |  | <b>Tide Times:</b><br>High: Low: |  |  |  |  |  |
| <b>Biological Samples Collected:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |  |                   |  |                  |  |                                  |  |  |  |  |  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |  |                   |  |                  |  |                                  |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |  |                   |  |                  |  |                                  |  |  |  |  |  |

## Duplicate Sample

|                             |              |                      |              |
|-----------------------------|--------------|----------------------|--------------|
| <b>Time Zone:</b> EST       | <b>Time:</b> | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |              |                      |              |

## Blank

|                                |              |                           |                      |
|--------------------------------|--------------|---------------------------|----------------------|
| <b>Time Zone:</b>              | <b>Time:</b> | <b>Field ID:</b>          | (Blank Type_DDDMMYY) |
| <b>DI Source:</b>              |              | <b>Location:</b>          |                      |
| <b>DI Type:</b>                |              | <b>Equipment ID:</b>      |                      |
| <b>DI Container (Name/ID):</b> |              | <b>DI Container Type:</b> |                      |

LIMS EVENT ID: WIN Import ID:  
Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:  
(Initials/Date) (Initials/Date)  
Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-01-18-13

Customer: WQAP

Project ID: SMP

Collected By: Ben Paswater, Francisco Faria

Field Report Prepared By: Ben Paswater

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5SW0169

Location: St Joe Tidal By Westchester Blvd

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time        | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                                    | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-----------|-------------|-----------|-----------|------------|------|------------------|----------------------------------------------------|-----------------|--------------------|----------------|
| 1/19/2021 | 1210<br>EST | 7.87      | 81.6      | 16.8       | 7.51 | 0.3              | 0.9<br><input checked="" type="checkbox"/> VOB (S) | 0.9             | 1882               | 0.96           |
|           | EST         |           |           |            |      |                  | 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)      | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                                                                                                                                   | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                                                                                                                                   | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                        | <input type="checkbox"/> <2            |                       |              |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                                                                                                                  | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                        | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                         | <input type="checkbox"/> Formalin                                                  |                                        |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                                                                         | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                     | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDRIN | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Phytoplankton/Periphyton           | <input type="checkbox"/> DTM-QL-C <input type="checkbox"/> PEN-QL-C <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C<br><input type="checkbox"/> DTM-QN-C <input type="checkbox"/> PRN-QN-C <input type="checkbox"/> PKD-QN-BV                                           | <input type="checkbox"/> Ice                                                       |                                        |                       |              |

Name:  
Ben Paswater  
Francisco Faria

Signature:

Date:

1/19/2021

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

**WIN Station Name:** St Joe Tidal @ 54th Ave **Date:** 1/12/2021  
**WIN/Field ID:** G5SW0170 **WBID:** 1668E **ENR:** **Latitude:** 27.8212  
**County:** PINELLAS **Org ID:** 21FLTPA **Longitude:** -82.7422  
**Receiving Body of Water:** Springs Coast **RQ:** 2021-01-18-13

| Sampling Team Members               |                 | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Francisco Faria |                 | x                 |               | x            | x                  |
| <input checked="" type="checkbox"/> | Ben Paswater    | x               |                   | x             |              |                    |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                 |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: Secchi #2                       |                                         |
| Collection Method                                    |                                         |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak    |
| <input checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other _____                 | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                        |  |                   |  |                     |  |                                  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|---------------------|--|----------------------------------|--|--|--|--|--|
| <b>Water Level:</b> <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |  |                   |  |                     |  | <b>Meter ID#</b> LEIA            |  |  |  |  |  |
| <b>Photos:</b> YES                                                                                                                                                                                                                                                     |  | <b>Flow:</b> FLOW |  | <b>Tide:</b> RISING |  | <b>Tide Times:</b><br>High: Low: |  |  |  |  |  |
| <b>Biological Samples Collected:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |  |                   |  |                     |  |                                  |  |  |  |  |  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |  |                   |  |                     |  |                                  |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |  |                   |  |                     |  |                                  |  |  |  |  |  |

## Duplicate Sample

|                             |              |                      |              |
|-----------------------------|--------------|----------------------|--------------|
| <b>Time Zone:</b> EST       | <b>Time:</b> | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |              |                      |              |

## Blank

|                                |                      |                           |                      |
|--------------------------------|----------------------|---------------------------|----------------------|
| <b>Time Zone:</b>              | <b>Time:</b>         | <b>Field ID:</b>          | (Blank Type_DDDMMYY) |
| <b>DI Source:</b>              | <b>Location:</b>     |                           |                      |
| <b>DI Type:</b>                | <b>Equipment ID:</b> |                           |                      |
| <b>DI Container (Name/ID):</b> |                      | <b>DI Container Type:</b> |                      |

LIMS EVENT ID: WIN Import ID:  
Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:  
(Initials/Date) (Initials/Date)  
Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-01-18-13

Customer: WQAP

Project ID: SMP

Collected By: Francisco Faria, Ben Paswater

Field Report Prepared By: Francisco Faria

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5SW0170

Location: St Joe Tidal @ 54th Ave

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time        | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                                    | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT <sub>h</sub> ) |
|-----------|-------------|-----------|-----------|------------|------|------------------|----------------------------------------------------|-----------------|--------------------|------------------------------|
| 1/12/2021 | 1200<br>EST | 7.93      | 80.9      | 16.2       | 7.49 | 0.3              | 0.8<br><input checked="" type="checkbox"/> VOB (S) | 0.8             | 1113               | 0.56                         |
|           | EST         |           |           |            |      |                  | 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)      | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                                                                                                                                               | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4* | <input type="checkbox"/> <2 |                       |              |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                                                                                                                                    | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*  | <input type="checkbox"/> <2 |                       |              |
| Filtered Nutrients (P125ML)        | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                                                                                                                                         | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Chlorophyll (BP-1L)                | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                          | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                                         | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                          | <input type="checkbox"/> Formalin                            |                             |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                            | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                                                                          | <input checked="" type="checkbox"/> Ice                      |                             | 1                     | C            |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                                 | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDRIN | <input type="checkbox"/> Ice                                 |                             |                       |              |
| Phytoplankton/Periphyton           | DTM-QL-C <input type="checkbox"/> PEN-QL-C <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C<br>DTM-QN-C <input type="checkbox"/> PRN-QN-C <input type="checkbox"/> PKD-QN-BV                                                                                              | <input type="checkbox"/> Ice                                 |                             |                       |              |

Name:  
Francisco Faria  
Ben Paswater

Signature:

Date:

1/19/2021

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution