# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
# STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

**WIN Station Name:** Mattress Drain @ Rockridge rd **Date:** 10-16-18 (mm/dd/yyyy)

**WIN/ Field ID:** G4SW0092 **WBID:** 1435 **Latitude:** 28.28896 (Decimal Degrees)

**County:** Polk **ORG ID:** 21FLTPA **Longitude:** -81.94179 (Decimal Degrees)

**Receiving Body of Water:** Withlacoochee River **RQ-2018-** 10-16-18 10-15-06

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|---|---|---|---|---|---|
| B. PASWATER | | X | | X | X |
| J. ASHTON | X | | X | | |
| | | | | | |

**Sampling Equipment**
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Secchi
- Equipment ID Secchi #1

**Collection Method**
- [ ] Wading [ ] Canoe/Kayak
- [x] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

**Water Level:** Dry/ Pooled/ (Low)/ Normal / High / Flooded **Meter ID#** CHEMY **Matrix:** (Fresh) / Marine / DI

**Photos:** Yes / (No) **Flow:** No Flow / Interstitial / Flowing / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High ____ Low ____

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH | Salinity (PPTh) | Sp COND (µmhos/cm) | Temp. (C°) |
|---|---|---|---|---|---|---|---|---|---|---|
| (EST) | 1000 | 0.4 | 0.3 | 0.2 | 3.11 | 37.6 | 6.09 | 0.07 | 153.9 | 24.6 |
| | | | | | | | | | | |

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

| Parameter Suite | Parameter Methods | Preservation | Lot# | Expiration | pH Check |
|---|---|---|---|---|---|
| Preserved Nutrients | (W-NH3) / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | [x] Ice [x] $H_2SO_4$ | SA8101020 | 04/11/2019 | [x] <2 |
| Metals | [ ] W-ICPMS [ ] W-ICP | [ ] Ice [ ] $HNO_3$ | | | [x] <2 |
| Filtered Nutrients | (W-PO4-F) [x] Field Filtered 0.45 µm Filter | [x] Ice | 9841668 | | |
| Chlorophyll | (CHLSUITE-W) | [x] Ice | | | |
| Physical/Aggregate (Fresh) | (Alkalinity) / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS | [x] Ice | | | |
| Physical/Aggregate (Marine) | [ ] Alkalinity / W-F / W-TSS / TURBIDITY | [ ] Ice | | | |
| Macroinvertebrates | [ ] MI-FW-QLDC | [ ] Formalin | | | |
| Periphyton | [ ] ALGAE-ID | [ ] Ice | | | |
| Microbiology | (Coli) [ ] F Coli [ ] Enterococci | [x] Ice | | | |
| Molecular | [ ] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD | [ ] Ice | | | |
| Tracers | [ ] W-SUC-AA-R [ ] W-UHERB-AA [ ] W-AHERB-AA | [ ] Ice | | | |
| Pesticides | [ ] W-PSNP-TQ [ ] W-UHERB-AA [ ] W-AHERB-AA [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-PYR-AA-R [ ] W-GLYPH [ ] W-SUC-AA-R | [ ] Ice [ ] Other | | | |


**Notes: WBID Needs 5 A Kits + 5 E-coli**

Field ID/WIN G4SW0092

Site Name: Mattress Drain @ Rockridge rd

Signature: Date: 10-16-18

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 11/6/2018 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: SM 1/2/2019 (Initials/Date)

Scan/Save Field Sheets SM 1/14/2019 (Initials/Date) Migrate Data to WIN: 9184 SM 1/2/2019 (Initials/Date) Verify Data In WIN: SM 1/14/2019 (Initials/Date)

# QA/QC Sample Information

## Duplicate

**Time Zone:** EST CEN **Time:** _____ **Field ID:** _____ (WIN ID + DUP)

| Parameter Suite | Parameter Methods | Preservation | Lot# | Expiration | pH Check |
|---|---|---|---|---|---|
| **Preserved Nutrients** | ☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | ☐ Ice ☐ $H_2SO_4$ | | | ☐ < 2 |
| **Metals** | ☐ W-ICPMS ☐ W-ICP | ☐ Ice ☐ $HNO_3$ | | | ☐ < 2 |
| **Filtered Nutrients** | ☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter | ☐ Ice | | | |
| **Chlorophyll** | ☐ CHLSUITE-W | ☐ Ice | Place Preservative Sticker(s) Here (If Available) | | |
| Physical/Aggregate (Fresh) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS | ☐ Ice | | | |
| Physical/Aggregate (Marine) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY | ☐ Ice | | | |
| **Microbiology** | ☐ E Coli ☐ F Coli ☐ Enterococci | ☐ Ice | | | |
| **Molecular** | ☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD | ☐ Ice | | | |
| **Tracers** | ☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA | ☐ Ice | | | |
| **Pesticides** | ☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R | ☐ Ice ☐ Other _____ | | | |
| | | | | | |

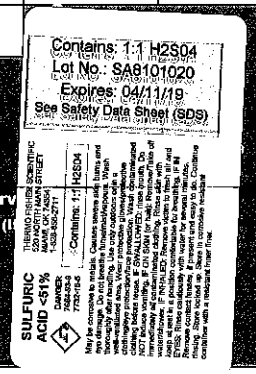
## Blank

**Time Zone:** (EST) CEN **Time:** 1005 **Field ID:** Blank - 16102018 (Blank_DDMMYYY)

**DI Source:** CAR 1301 **Location:** FIELD

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** _____

| Parameter Suite | Parameter Methods | Preservation | Lot# | Expiration | pH Check |
|---|---|---|---|---|---|
| **Preserved Nutrients** | ☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | ☒ Ice ☒ $H_2SO_4$ | SA8101020 | 04/11/19 | ☒ < 2 |
| **Metals** | ☐ W-ICPMS ☐ W-ICP | ☐ Ice ☐ $HNO_3$ | | | ☐ < 2 |
| **Filtered Nutrients** | ☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter | ☐ Ice | | | |
| **Chlorophyll** | ☐ CHLSUITE-W | ☐ Ice | Place Preserv (I | | |
| Physical/Aggregate (Fresh) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS | ☐ Ice | | | |
| Physical/Aggregate (Marine) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY | ☐ Ice | | | |
| **Microbiology** | ☐ E Coli ☐ F Coli ☐ Enterococci | ☐ Ice | | | |
| **Molecular** | ☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD | ☐ Ice | | | |
| **Tracers** | ☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA | ☐ Ice | | | |
| **Pesticides** | ☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R | ☐ Other _____ | | | |
| | | | | | |




**Notes:**

Field ID/WIN: BLANK

Site Name: Field_Blank_10162018

**Signature:**

**Date:**

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 11/6/2018 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: SM 1/2/2019 (Initials/Date)

Scan/Save Field Sheets SM 1/14/2019 Migrate Data to WIN: 9184 SM 1/2/2019 Verify Data In WIN: SM 1/14/2019

Advanced Environmental Laboratories, Inc.


☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
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☑ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327


| | | | |
|---|---|---|---|
| Client Name: | FDEP SW Dist. | Project Name: | SMP |
| Address: | 13051 N. Telecom Pkwy. Temple Terrace FL 33637 | P.O. Number: | B370AE |
| Phone: | 813-470-5770 | Project Address: | |
| Contact: | Judy Ashton 813-470-5772 | Special Instructions: | |
| Sampled By: | | RQ-2018- 10-15-06 | |
| Turn Around Time: | ☑ STANDARD ☐ RUSH | | |
| Page: | 2 of 2 | ☐ ADaPT ☐ EQuIS ☐ Other | |

| SAMPLE ID / SAMPLE DESCRIPTION | Grab / Comp | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. COUNT | PRESERVATION | BOTTLE SIZE & TYPE | Analysis Required | LABORATORY I.D. # |
|---|---|---|---|---|---|---|---|---|---|
| Field ID/WIN G4SW0092 | | | | | | | | E. coli | |
| Site Name: Mattress Drain @ Rockeridge rd | | 10-16-18 | 1000 | SW | 1 | ICE | 1 | 1 | |
| Field ID/WIN G2SW0064 | | ↓ | 1415 | SW | 1 | | 1 | 1 | |
| Site Name: Blackwater Cr @ CR39 | | | | | | | | | |

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Preservation Code: I = Ice H=(HCl) S = ($H_2SO_4$) N = ($HNO_3$) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received_____(in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

| | Relinquished by | Date | Time | Received by | Date | Time |
|---|---|---|---|---|---|---|
| 1 | | | | | 10/16/18 | 1515 |

FOR DRINKING WATER USE:

PWS ID:

**Request Number: RQ-2018-10-15-06**

Mattress Drain, Blackwater, New, Hills #4

# Florida Department of Environmental Protection
## Central Laboratory Submittal Form

last revised Jan 25, 2018

**Customer: SW-DIST**

**Project ID: SMP**

Requester: Benjamin Paswater

Collected By:

Field Report Prepared By:

Sampling Agency:

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Field ID/WIN: G2SW0065

Site Name: Blackwater Creek in County Park

Location:

Latitude: ☐ dd ☐ dms

| | | | | | | |
|---|---|---|---|---|---|---|
| ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-16-18 Time 1440 | Eastern Central | Composite end Date | Time | Bottle Group(s) (See pg 2) | B |
| Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 7.08 89.1 | ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) | | | |
| Temp (C) 27.0 | pH 7.67 | Sample Depth 0.1 | ☐ ft ☒ m | Sp. Conductance (umho/cm) 411.2 | | |
| Salinity (ppt) 0.20 | Comments | | | | | |

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Field ID/WIN: G4SW0092

Site Name: Mattress Drain @ Rockeridge rd

Location:

Latitude: ☐ dd ☐ dms

| | | | | | | |
|---|---|---|---|---|---|---|
| ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-16-18 Time 1000 | Eastern Central | Composite end Date | Time | Bottle Group(s) | A |
| Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 3.11 37.6 | ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) | | | |
| Temp (C) 24.6 | pH 6.09 | Sample Depth 0.3 | ☐ ft ☒ m | Sp. Conductance (umho/cm) 153.9 | | |
| Salinity (ppt) 0.07 | Comments | | | | | |

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Field ID/WIN: G2SW0064

Site Name: Blackwater Cr @ CR39

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

| | | | | | | |
|---|---|---|---|---|---|---|
| ☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-16-18 Time 1415 | Eastern Central | Composite end Date | Time | Bottle Group(s) | B |
| Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 6.64 83.2 | ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) | | | |
| Temp (C) 26.7 | pH 7.52 | Sample Depth 0.1 | ☐ ft ☒ m | Sp. Conductance (umho/cm) 418.7 | | |
| Salinity (ppt) 0.20 | Comments | | | | | |

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Field ID/WIN: BLANK

Site Name: Field_Blank_10162018

Location:

Latitude: ☐ dd ☐ dms Longitude: ☐ dd ☐ dms

| | | | | | | |
|---|---|---|---|---|---|---|
| ☐ Comp ☐ Grab | Collection (comp begin or grab) Date 10-16-18 Time 1005 | Eastern Central | Composite end Date | Time | Bottle Group(s) | A |
| Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen | ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) | | | |
| Temp (C) D. | pH E. W. | Sample Depth 1.2 | ☐ ft ☐ m | Sp. Conductance (umho/cm) | | |
| Salinity (ppt) | Comments (NO E. COLI) | | | | | |

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| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: P-1L | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 |
| | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | | | | | |
| Group: A | Bottle Type: BP-1L | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 |
| | CHLSUITE-W | | | | | |
| Group: A | Bottle Type: P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | SWD-AEL-EC | | | | | |
| Group: A | Bottle Type: P-500ML | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3 |
| | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | | | | | |
| Group: A | Bottle Type: P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab | 3 |
| | W-PO4-F | | | | | |
| Group: B | Bottle Type: QPCR-P-500ML | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 4 |
| | PCR-FILTER | | | | | |
| Group: B | Bottle Type: BG-500ML | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 4 |
| | W-E8321-DI<br>W-E8321-MS | | | | | |
| Group: C | Bottle Type: P-1L | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Group: C | Bottle Type: | P-1L | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | W-TDS<br>W-TSS | | | | | | |
| Group: C | Bottle Type: | BP-1L | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | CHLSUITE-W | | | | | | |
| Group: C | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | SWD-AEL-EC | | | | | | |
| Group: C | Bottle Type: | BG-500ML | # of Bottles: 2 | Preservative: | CH2ClCOOH Pre-Preserved | Enter Number of Bottles Sent to Lab | 2 |
| | W-CARB-AA | | | | | | |
| Group: C | Bottle Type: | BG-500ML | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 6 |
| | W-CT-CI-R<br>W-PCL-SQ-R | | | | | | |
| Group: C | Bottle Type: | BG-500ML | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | W-E8321-DI<br>W-E8321-MS | | | | | | |
| Group: C | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | HNO3 | Enter Number of Bottles Sent to Lab | 2 |
| | W-ICP<br>W-ICPMS | | | | | | |
| Group: C | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
| | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | | | | | | |
| Group: C | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab | 2 |
| | W-PO4-F | | | | | | |
| Group: C | Bottle Type: | BG-1L | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 6 |
| | W-PSNP-TQ | | | | | | |

P-120ML-WC-THI

Group B

SWD-AEL-EC

# SENT TO AEL 3