



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

Field ID/Win ID



20030346

April 2018

Data Qualified?

Yes / No

MCGIRTS CREEK AT OLD PLANK ROAD

Date: 10/18/18  
(mm/dd/yyyy)

County: Duval

WBID: 2249B

Latitude: 30.3298

ORG ID: 21FLA

Longitude: 81.8619

Receiving Body of Water: Santa Ortega R.

RQ - 2018-10-15-09

| Sampling Team Members                                        |  |                                                  |  |                                  |  |                  |  | Sampling Equipment                             |                                     |                                     |                                     |                                         |                                     |                                     |                                           |                                   |                                          |
|--------------------------------------------------------------|--|--------------------------------------------------|--|----------------------------------|--|------------------|--|------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------|-----------------------------------|------------------------------------------|
| <div>Donna<br/>B Davis</div>                                 |  |                                                  |  |                                  |  |                  |  | WQ Measurements                                | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                      | Duplicate Collection                | Blank Collection                    | <input type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input checked="" type="checkbox"/> Pole |
|                                                              |  |                                                  |  |                                  |  |                  |  | <input checked="" type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Carboy           | <input type="checkbox"/> Syringe  | <input type="checkbox"/> Other           |
|                                                              |  |                                                  |  |                                  |  |                  |  | <input type="checkbox"/>                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> Dipper           | <input type="checkbox"/> Other    |                                          |
|                                                              |  |                                                  |  |                                  |  |                  |  | <input type="checkbox"/>                       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>                | <input type="checkbox"/>            | <input type="checkbox"/>            | Depth Measured with: P.D.S.S.             | Equipment ID: Out 44              |                                          |
|                                                              |  |                                                  |  |                                  |  |                  |  | 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: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded |  |                                                  |  |                                  |  |                  |  | Meter ID# P.D.S.S.                             |                                     |                                     |                                     | Matrix: Fresh / Marine / DI             |                                     |                                     |                                           |                                   |                                          |
| Photos: Yes / <u>No</u>                                      |  | Flow: No Flow / Intestinal / <u>Flowing</u> / NA |  | Tide: Rising/ Falling/ Slack/ NA |  | Tide Times: High |  | Low                                            |                                     |                                     |                                     |                                         |                                     |                                     |                                           |                                   |                                          |

| Field Sample (Bracket Sample Time) |      |                 |                  |                 |           |           |      |                |                    |            |
|------------------------------------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| Time Zone                          | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (ppt) | Sp COND (µmhos/cm) | Temp. (C°) |
| EST                                | 930  | 0.2             | 0.1              | 0.25            | 51        | 61        | 6.24 | 0.07           | 155                | 23.6 ✓     |
| CEN                                |      |                 |                  |                 |           |           |      |                |                    |            |

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                    | Preservation                                                                      | Lot#      | Expiration | pH Check                               |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------------|----------------------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |           |            | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  | 7261120   | 9/18/18    | <input checked="" type="checkbox"/> <2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                        | <input checked="" type="checkbox"/> Ice                                           | R7KA12512 |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHL SUITE-W                                                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                        | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                        | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                  | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-E8321-DI                                                                                                                                              | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice <input type="checkbox"/> Other                       |           |            |                                        |

Initials/Staff

LIMS 10/19/18 Q.C. BP 10/23/18

WIN

# QA/QC Sample Information

## Duplicate

Time Zone: EST CEN Time: \_\_\_\_\_ (WIN ID + DUP)

Field ID: \_\_\_\_\_

| Parameter Suite             | Parameter Methods                                                                                                                                                            | Preservation                                                                         | Lot# | Expiration | pH Check                     |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|------------|------------------------------|
| Preserved Nutrients         | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> |      |            | <input type="checkbox"/> < 2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                              | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>               |      |            | <input type="checkbox"/> < 2 |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                      | <input type="checkbox"/> Ice                                                         |      |            |                              |
| Chlorophyll                 | <input type="checkbox"/> CHLSUITE-W                                                                                                                                          | <input type="checkbox"/> Ice                                                         |      |            |                              |
| Physical/Aggregate (Fresh)  | <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) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                | <input type="checkbox"/> Ice                                                         |      |            |                              |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                         | <input type="checkbox"/> Ice                                                         |      |            |                              |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD | <input type="checkbox"/> Ice                                                         |      |            |                              |
| Tracers                     | <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-E8321-DI                                                                                                      | <input type="checkbox"/> Ice <input type="checkbox"/> Other                          |      |            |                              |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-CARB-AA                                 |                                                                                      |      |            |                              |

Place Preservative Sticker(s) Here (If Available)

Blank

Field ID: Blank - 101718 (Blank\_DDMMYYYY)

Time Zone: EST CEN Time: 1020 Location: \_\_\_\_\_ Equipment ID: \_\_\_\_\_

DI Source: ☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

WIN DMT Blank Batch ID: \_\_\_\_\_

| Parameter Suite             | Parameter Methods                                                                                                                            | Preservation                                                                                               | Lot# | Expiration | pH Check                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------|------------|-----------------------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                              | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> |      |            | <input checked="" type="checkbox"/> < 2 |
| Metals                      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                        | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO <sub>3</sub>               |      |            | <input checked="" type="checkbox"/> < 2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                | <input type="checkbox"/> Ice                                                                               |      |            |                                         |
| Physical/Aggregate (Fresh)  | <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) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                | <input type="checkbox"/> Ice                                                                               |      |            |                                         |
| Tracers                     | <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-E8321-DI                                                                      | <input type="checkbox"/> Other                                                                             |      |            |                                         |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-CARB-AA |                                                                                                            |      |            |                                         |

Notes: \_\_\_\_\_

Signature: \_\_\_\_\_

QC Station ID, Field Parameters In LIMS DMT: \_\_\_\_\_ (Initials/Date)

Verify Data In WIN: \_\_\_\_\_ (Initials/Date)

Scan/Save Field Sheets \_\_\_\_\_ (Initials/Date)

Migrate Data to WIN: \_\_\_\_\_ (Initials/Date)

Field ID: BLANK-101718

Field Blank

Date: 10/17/16

Contains: 1:1 H2SO4 Lot No.: SA8197090 Expires: 07/16/19 See Safety Data Sheet (SDS)

Contains: 1:1 Nitric Acid NA-600110 EXP: 04/03/19 See SDS



9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 738-2377 • 800 605 7000 • FAX (904) 738-2377

SR#

CAS Contract

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2011

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-2277 • 80

Orville, FL :

Highway, S

[illegible]

Cooler Packed By: Tyler R. Number of Coolers: 2 Date: 10/08/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-10-15-09**

|          |                                                                                     |
|----------|-------------------------------------------------------------------------------------|
| W-CL-IC  | Chloride in aqueous matrices                                                        |
| W-COLOR  | True Color measured at 450 nm                                                       |
| W-F      | Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC | Sulfate in aqueous matrices                                                         |
| W-TDS    | Total Dissolved Solids in aqueous matrices                                          |
| W-TSS    | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample      |

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

**Analysis**

W-ICP

W-ICPMS

**Description**

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00066437

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: P-250ML-WI-THI Qty: 5 Preservation: ICE

Lot # L18005

Description: 250 ml Sterilized with tablet

**Analysis**

NE-ALS-ECQ

**Description**

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Container ID: P-500ML

Qty: 5 Preservation: HNO3

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

**Analysis**

W-ICP

W-ICPMS

**Description**

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 5 Preservation: ICE And H2SO4

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 5 Preservation: FILTER-ICE

Lot # 00066437

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

**Bottle Group: B**

**# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00071991

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Cooler Packing Worksheet for Request: RQ-2018-10-15-09

LSJR West2

Ship Cooler On: 10/5/2018

Customer/Project: NE-DIST/SMP

Assigned To: REYNOLDS\_T

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700  
8800 Baymeadows Way West  
Suite 100  
Jacksonville, FL 32256-7577  
  
Attn: Jeremy.M.Parrish@dep.state.fl.us

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metals

Group B: Freshwater Kit With Metals

Requested Analyses:

**Bottle Group: A**

**# of Sites: 5**

Container ID: P-1L

Qty: 5    Preservation: ICE

Lot # 00071991

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 5    Preservation: ICE

Lot # 1233955

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

|          |                                                                 |         |                 |                             |      |                                     |
|----------|-----------------------------------------------------------------|---------|-----------------|-----------------------------|------|-------------------------------------|
| Group: B | Bottle Type:<br>W-ICP<br>W-ICPMS                                | P-500ML | # of Bottles: 1 | Preservative:               | HNO3 | Enter Number of Bottles Sent to Lab |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | P-500ML | # of Bottles: 1 | Preservative: ICE And H2SO4 |      | Enter Number of Bottles Sent to Lab |
| Group: B | Bottle Type:<br>W-PO4-F                                         | P-125ML | # of Bottles: 1 | Preservative: FILTER-ICE    |      | Enter Number of Bottles Sent to Lab |