FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Cow Creek @ SR 138 **Date:** 3/12/2018 (mm/dd/yyyy)

WIN/ Field ID: 21030086 **WBID:** 3649 **Latitude:** 29.85533 (Decimal Degrees)

County: Gilchrist **ORG ID:** 21FLA **Longitude:** -82.75693 (Decimal Degrees)

Receiving Body of Water: Santa Fe River **RQ-2018-** 03-05-23

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
P. O'Connor		X			
A. Kalmbacher	X		X	X	X

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [x] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Secchi
- Equipment ID Ont 644

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Quanta

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestital / 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	1235	0.5	0.3	0.5 S	6.2	65	7.86	0.13	269	17.2 ✓
CEN										

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA7233030	8/18	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[x] Ice	R7EN2511		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] 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	[x] E 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:

WIN / Field ID: 21030086

COW CREEK AT SR 138

Signature: A Kalmbacher **Date:** 3-12-2018

Enter Field Parameters, Verify Station ID In LIMS DMT: AK 3/16/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN **Sample Depth (m):** ______________

Time: ______________ **Total Depth (m):** ______________ **Field 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			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice		Place Preservative Sticker(s) Here (If Available)	
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other ______			

Blank

Time Zone: EST CEN **Time:** 11:00 **Field ID:** ______________

DI Source: NE ROC LAB **Location:** Grassy Hole Spring Ichetucknee

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** ORTHO # 44

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	SA7341020	12/18	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		Place Preservative Sticker(s) Here (If Available)	
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other ______			

Contains: 1:1 H2S04
Lot No.: SA7341020
Expires: 12/07/18
See Safety Data Sheet (SDS)
SULFURIC ACID <51%
DANGER
Contains: 1:1 H2SO4

Notes:

Field Blank RQ-2018-03-05-23

Signature: A Kal-bacher **Date:** 3-12-2018

Field Parameters Entered into LIMS: JW 3/16/18 (Initials/Date) Field Parameters QC in LIMS: ______________ (Initials/Date)

Date Migrated to STORET: ______________ (Initials/Date) Field Sheets Scanned/Saved: ______________ (Initials/Date)

Advanced Environmental Laboratories, Inc.

- [ ] **Altamonte Springs:** 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
- [x] **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
- [ ] **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
- [ ] **Miramar:** 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
- [ ] **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
- [ ] **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP-NE ROC
Address: 8800 Baymeadows Way W
Phone: 904-256-1541
FAX: Please email results
Contact: Nicole Frederick
Sampled By:
Turn Around Time: ☑ STANDARD ☐ RUSH
Page: 1 of 1

Project Name:
P.O. Number or Project Number: RQ-2018-03-65-23
FDEP Facility No:
Project Address:
Special Instructions:
Dep-Overflowmicro@dep.state.fl.us PO# B1696A
☐ ADaPT ☐ EQuIS ☐ Other

BOTTLE SIZE & TYPE
ANALYSIS REQUIRED: E.coli
LABORATORY I.D. NUMBER

SAMPLE ID	SAMPLE DESCRIPTION	Grab / Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	E.coli (ICE)										LABORATORY I.D. NUMBER
	21030051FLA	Grab	3-12	1045	SW	1		1										
	21030145		↓	1145		1		1										
	21030086		↓	1235		1		1										

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 = (H2SO4) N = (HNO3) 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	[signature]	3-12-18	1357	[signature]	3/12/18	1400
2						
3						
4						

FOR DRINKING WATER USE:
PWS ID:
Contact Person: Phone:
Supplier of Water:
Site-Address:

Request Number: RQ-2018-03-05-23

Suwannee North

Customer: NE-DIST

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Collected By: A. Kalmbacher, P. O'Connor

Sampling Agency: DEAR NED Roc

Location: WIN / Field ID: 21030051FLA — GRASSY HOLE SPRING ICHETUCKNEE

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03-12-18 Time 1045 Eastern Central | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Surface WaterFresh | Diss. Oxygen: 1.8 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 21.8 | pH: 7.37 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 354

Salinity (ppt): 0.17 | Comments: DO% 20.0

Bottle Group(s) (See pg 2): A

Location: Field Blank RQ-2018-03-05-23

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 03-12-18 Time 1100 Eastern Central | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): De-IONIZED WAter | Diss. Oxygen: — ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): — | pH: — | Sample Depth: — ☐ ft ☐ m | Sp. Conductance (umho/cm): —

Salinity (ppt): — | Comments: NED DeIONIZED WAter

Bottle Group(s): A

Location: WIN / Field ID: 21030145 — SANTA FE RIVER @ HOLLINGSWORTH BLUFF

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 03-12-18 Time 1145 Eastern Central | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Surface WaterFresh | Diss. Oxygen: 4.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 21.3 | pH: 7.45 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 384

Salinity (ppt): 0.17 | Comments: DO% 56

Bottle Group(s): A

Location: WIN / Field ID: 21030086 — COW CREEK AT SR 138

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☒ Comp ☐ Grab | Collection (comp begin or grab) Date 03-12-18 Time 1235 Eastern Central | Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Surface WaterFresh | Diss. Oxygen: 6.2 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 17.2 | pH: 7.86 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 269

Salinity (ppt): 0.13 | Comments: DO% 65

Bottle Group(s): B

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
P O'Connor	03-12-18 1530	Fed Ex	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to AEL Gainesville
	NED-AEG-EC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1