



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Spring Garden Creek Just DS of Deep Creek

Date: 3/9/2020

(mm/dd/yyyy)

WIN/ Field ID: G2CE0126

WBID: 2921F

Latitude: 29.13335

(Decimal Degrees)

County: Volusia

ORG ID: 21FLCEN

Longitude: -81.39327

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2020- 03-09-33

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Terry Riordan		✓		✓	✓
Natalie Ayala <i>NA</i>					
Elizabeth Bates	✓		✓		

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☒ Syringe	☐ Pole
☐ Dipper	☐ Other
Depth Measured with <u>Secchi Disk Line</u>	
Equipment ID <u>Kayak Light</u>	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded		Meter ID# <u>Shrimp Trap</u>	
Photos: Yes / <u>No</u>	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>	Tide Times: High Low
Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID:
Macrophyte-ID:		LIMS#:	
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____ Field ID: _____ (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: EST CEN Time: _____ Field ID: _____ (Blank Type_DDMMYY)

DI Source: _____

Location: _____

☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

Equipment ID: _____

LIMS EVENT ID: CEN-DIST-2020-03-10-01 WIN Import ID: 21217

Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 3/24/20 QC Station ID, Field Parameters In LIMS DMT: TR 4/14/20

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets TR 4/14/20

(Initials/Date)

Migrate Data to WIN: KWM 7/27/20

(Initials/Date)

Verify Data In WIN: _____

(Initials/Date)

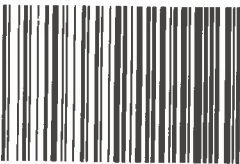


RQ-2020- 03-09-33

Customer: FDEP

Project ID: SMP

Collected By: Terry Riordan Elizabeth BatesField Report Prepared By: E. BatesSampling Agency: 21FLCEN

WIN ID / Field ID → Spring Garden Creek @ Just DS of Deep Creek  G2CE0126							Comments:			
Matrix: <u>Fresh</u> / 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 (PPTH)
3/9/20	11:46	5.92	62.3	17.7	6.99	0.310	0.5	1.55 1.60	756	0.37
Central Lab please use top row for login purposes										
	11:52	5.80	60.8	17.6	6.92	1.106			77.1	0.38
Parameter Suite		Parameter Methods				Preservation	pH Check	# Bottles sent to Lab	Bottle Group	
Preserved Nutrients (P-500ML)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # _____ H2SO4 LOT# SA9301030 EXP: 10/28/2020				☒ Ice ☒ H2SO4* ☐ <2		71	A, B, C	
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ W-TAN				☐ Ice ☐ HNO3* ☐ <2				
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # 16930280 Syringe Lot # 9149785				☒ Ice		71	A, B, C	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice		1	A	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS				☒ Ice		71	A, B, C	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLED				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab sent to 2 (Group A & B)				☒ Ice		07	A, B, C	
Molecular (QPCR-P-500ML)		☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes				☐ Ice				
Tracers (BG-500ML)		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice				
Pesticides (BG-500ML) (BG-1L)		☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				☐ Ice				
Name: <u>T. Riordan</u>						Signature: <u>[Signature]</u>		Date: <u>3/9/20</u>		

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



RQ-2020- 03-09-33

Customer: FDEP

Project ID: SMP

Collected By: Terry Riordan, Natalie Ayala

Field Report Prepared By: E. Bates

Sampling Agency: 21FLCEN

BLANK

Field ID: FB_03092020

Comments:

Matrix: Field Blank / Equipment Blank / Field Cleaned Equip Blank(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source:

3/9/2020

12:17

EST / CST

CD Washroom

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # _____ H2SO4 LOT# SA9301030 EXP: 10/28/2020	☒ Ice ☒ H2SO4*	☒ <2	1	C
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP Lot # _____ Exp: _____	☐ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter _____ Lot # _____ Syringe _____ Lot # _____	☒ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	C
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Name: T. Riordan	Signature:	Date: 3/9/20			

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



RQ-2020- 03-09-33

Customer: FDEP

Project ID: SMP

Lab Page ____ of ____

Collected By: Terry Riordan, ^{Elizabeth Bates} ~~Natalie Ayala~~

Field Report Prepared By: E. Bates

Sampling Agency: 21FLCEN

DUPLICATE SAMPLE

Field ID: G2CE0126_DUP
 WIN: G2CE0126
 Location: Spring Garden Creek @
 Just DS of Deep Creek

Comments:

Matrix: Fresh / Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date

Time

3/9/2020

11:51

EST / CST

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # <u> </u> H2SO4 LOT# SA9301030 EXP: 10/28/2020	☒ Ice ☒ H2SO4*	☒ <2	1	B
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HAUL Lot # <u> </u> Exp: <u> </u>	☐ Ice ☐ HNO3*	☐ <2		
Filtered Nutrients (P125ML)	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter Filter Lot # <u>16930280</u> Syringe Lot # <u>9149785</u>	☒ Ice		1	B
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E.Coli ☐ F.Coli ☐ Enterococci ☒ Contract Lab <u>← sent to I</u>	☒ Ice		0	B
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CAR8-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name:

T. Riordan

Signature:

Date:

3/9/20

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution