



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Spring Garden Creek Just DS of Deep Creek Date: 4/23/18

WIN ID/ Field ID: 62CE0126 WBID: 2921F Latitude: 29.13336 (mm/dd/yyyy)

County: Volusia ORG ID: 21FLCEN Longitude: -81.39327 (Decimal Degrees)

Receiving Body of Water: LK Woodruff RQ: 2018-04-23-54 (Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment	
Mike Linger		/	/						☒ Sample Container	☐ Van Dorn ☐ Pole
Mike Drennon			/	/	/	/	/	/	☒ Carboy	☒ Syringe
									☐ Dipper	☐ Other
Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded									Depth Measured with: <u>(SECCHI DISK LINE) / METER</u>	
Meter ID# <u>SCUD</u>									Equipment ID [KNOTHEAD/(67) ; LEAD FOOT/(NON)] <u>10-5</u>	
Photos: Yes / <u>No</u> Flow: No Flow / Intestinal / <u>Flowing</u> / NA									Collection Method	
Tide: Rising/ Falling/ Slack/ <u>NA</u> Tide Times: High Low									☐ Wading ☐ Canoe/Kayak	
									☐ From Shore ☐ Electric Motor	
									☐ Other ☒ Gasoline Motor	

Field Sample										
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	1244	1.3	0.3	0.4	4.35	50.4	6.88	0.25	525	22.8
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	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA7275010	10/2/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ 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			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Place Preservation (If A)

6962

QA/QC Sample In Duplicate

Field ID: G2CE0126_DUP
WIN: G2CE0126
Location: Spring Garden Creek
Just DS of Deep Creek (2921F)

Time Zone: EST CEN Time: 1250

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7275010	10/2/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-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			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Place Preserve

Blank

Time Zone: EST CEN Time: 1310 Field ID: BLANK
DI Source: WASH ROOM Location: _____
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

Field ID: BLANK_04232018
Location/DI Source: Washroom

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7275010	10/2/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CI-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			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Place Preserve

Notes:

WIN ID / Field ID →

Spring Garden Creek
just DS of Deep Creek
(2921F)



G2CE0126

Signature: [Signature] Date: 4/23/18

Enter Field Parameters, Verify Station ID in LIMS DMT: _____ QC Station ID, Field Parameters in LIMS DMT: _____
(Initials/Date) END 8/24/18 (Initials/Date) _____
Scan/Save Field Sheets Migrate Data to WIN: _____ Verify Data in WIN: _____

Spring Garden Creek + D&B

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Collected By: Mike Linger/Lawrence Brennan

Sampling Agency:

FDEP, CE-ROC

Locat	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field	dd	Longitude	Comp	Date	Time	Date	Time	
WIN/	dms		Grab					
Spring Garden Creek			☒	4/23/18	1244	☒ mg/L	Chlorine	
just DS of Deep Creek (2921F)						☐ % sat		
			Temp (C)	22.8		Sp. Conductance (umho/cm)	525	
			Salinity (ppt)					
Latitude			Comments					
			CD-FLR-ECA sent to contract lab					
Field			☒	4/23/18	1250	☒ mg/L	Chlorine	
WIN/						☐ % sat		
			Temp (C)			Sp. Conductance (umho/cm)		
			Salinity (ppt)					
Latitude			Comments					
			Replicate Sample - CD-FLR-ECA sent to contract lab					
Loc			☐	4/23/18	1310	☐ mg/L	Chlorine	
Field			☐			☐ % sat		
WIN/			Temp (C)			Sp. Conductance (umho/cm)		
			Salinity (ppt)					
Latitude			Comments					
			DI H2O					
Location			☐	4/23/18	1310	☐ mg/L	Chlorine	
Field ID						☐ % sat		
WIN/STORET #			Temp (C)			Sp. Conductance (umho/cm)		
			Salinity (ppt)					
Latitude			Comments					
			CD-FLR-ECA sent to contract lab					
Field			☐	4/23/18	1310	☐ mg/L	Chlorine	
WIN/						☐ % sat		
			Temp (C)			Sp. Conductance (umho/cm)		
			Salinity (ppt)					
Latitude			Comments					
			DI H2O					
Location			☐	4/23/18	1310	☐ mg/L	Chlorine	
Field ID						☐ % sat		
WIN/STORET #			Temp (C)			Sp. Conductance (umho/cm)		
			Salinity (ppt)					
Latitude			Comments					
			CD-FLR-ECA sent to contract lab					

Relinquished By: MKC	Date/Time 4/23/18 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By: SZ	Date/Time 4/24/18 1045
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	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: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 sent to contact lab
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	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:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 sent to contact lab
	CD-FLR-ECQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				
	TURBIDITY				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				



CONTRACT LAB - CHAIN OF CUSTODY

Department of Environmental Protection
3319 Maguire Blvd Suite 232, Orlando, FL 32803
Natalie Ayala / Michael Linger / Kallina Warren
Michael.Linger@dep.state.fl.us
(407) 897-4100

Project Number: RQ-2018-04-23-54

Site Location: Spring Garden

Mike Linger / Mike Dronach Signature: *Mike Linger*

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix						Analyze For:		
							ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECol)	Enterococci (ENQ)	Fecal Coliform (FC)		
G2CE0126		4/23/18	1244	1	X		X						X						
G2CE0126_DUP		4/23/18	1250	1	X		X						X						

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

1

Time 58

Comments

Temp
Upon Receipt: 0.2^{0C}

Sample Containers Intact?