



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Gap Creek at 37th St. East

Date: 06/26/2019
(mm/dd/yyyy)

WIN/ Field ID: G2SW0110

WBID: 1899

Latitude: 27.4459

(Decimal Degrees)

County: Manatee

ORG ID: 21FLTPA

Longitude: -82.51470

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2019- 06-24-03

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashton									
Sarah Meyer									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	

Depth Measured with: Secchi
Equipment ID Secchi #1

Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Meter ID# Chow 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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)
<u>EST</u>	<u>1135</u>	<u>0.2</u>	<u>0.1</u>	<u>0.25</u>	<u>7.21</u>	<u>94.8</u>	<u>7.47</u>	<u>0.34</u>	<u>707</u>	<u>29.6</u>

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	<u>SA9010030</u>	<u>04/10/20</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-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-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☒ Ice			
Tracers	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

A-Kit, E.coli, T & M

Field ID/WIN

G2SW0110

Site Name: Gap Creek at 37th St. East

Signature: Sarah Meyer

Date: 06/26/2019

LIMS EVENT ID: 2019-06-27-01

WIN Import ID: 13971

Enter Field Parameters, Verify Station ID in LIMS DMT: SM 07/16/2019

QC Station ID, Field Parameters in LIMS DMT: SM 08/14/2019

Scan/Save Field Sheets SM 09/18/2019

Migrate Data to WIN: SM 08/14/2019

Verify Data in WIN: SM 09/18/2019

(Initials/Date)

(Initials/Date)

(Initials/Date)

QA/QC Sample Information

Duplicate

242

Time Zone: EST CEN Time: 1140 Field ID: G2SW0110 - DUP
(WIN ID_DUP)

WIN DMT Activity 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 ₂ SO ₄	SA9010030	04/10/20	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	Contains: 1:1 H ₂ SO ₄ Lot No: SA9010030 Expires: 04/10/20 See Safety Data Sheet (SDS)		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci				
Molecular	☒ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				
Tracers	☒ W-E3821-MS ☒ W-E3821-DI				
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA				

Field ID: G2SW0110_DUP
Location: Gap Creek @ 37th St. East
WIN ID: G2SW0110

Blank

Time Zone: EST CEN Time: 1150 Field ID: FB-06262019
(Blank Type_DDMMYYYY)

DI Source: FDEP SW ROC Location: Gap Creek @ 37th St East
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: _____

WIN DMT Blank Batch 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 ₂ SO ₄			
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ 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			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			

E. Coli, PCR-FILTER

Notes:

Place Label Here

Signature: Sarah Meyer Date: 06/26/2019

LIMS EVENT ID: 2019-06-27-01WIN Import ID: 13977Enter Field Parameters, Verify Station ID In LIMS DMT: SM 07/16/2019QC Station ID, Field Parameters In LIMS DMT: SM 08/14/2019Scan/Save Field Sheets SM 09/18/2019Migrate Data to WIN: SM 08/14/2019Verify Data In WIN: SM 09/18/2019

Request Number: RQ-2019-06-24-03

SMP - Gap Cr, Nonsense, Braden, Rattlesnake, Cedar

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: J Ashton & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite and		Bottle Group(s)	
Field ID/WIN		G2SW0030		Date 06/26/2019		Time 1205		Date		Time	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine		(mg/L)	
Site Name: Gap Creek @ 45th St		Temp (C) 29.8		pH 7.36		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 746	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.36		Comments: E. COLI DROPPED OUT 2 BENCHMARK					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite and		Bottle Group(s)	
Field ID		G2SW0110		Date 06/26/2019		Time 1135		Date		Time	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine		(mg/L)	
Site Name: Gap Creek at 37th St. East		Temp (C) 29.6		pH 7.47		Sample Depth 0.1		☐ ft ☒ m		Sp. Conductance (umho/cm) 707	
Latitude		☐ dd ☐ dms		Salinity (ppt) 0.34		Comments: E. COLI DROPPED OUT 2 BENCHMARK					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite and		Bottle Group(s)	
Field ID		G2SW0110_DUP		Date 06/26/2019		Time 1140		Date		Time	
WIN/STOR		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine		(mg/L)	
Location: Gap Creek @ 37th St. East		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments: E. COLI DROPPED OUT 2 BENCHMARK					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern Central		Composite and		Bottle Group(s)	
Field ID		FB 06262019		Date 06/26/2019		Time 1150		Date		Time	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine		(mg/L)	
LOCATION: Field_Blank		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments: E. COLI DROPPED OUT 2 BENCHMARK					

Relinquished By: Sarah Meyer	Date/Time: 06/26/2019 1700	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Request Number: RQ-2019-06-24-03

SMP - Gap Cr, Nonsense, Braden, Rattlesnake, Cedar

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

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Page 1 of 3

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: J Ashton & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite and		Bottle Group(s) (See pg 2)
Field ID/WIN	G2SW0044	☒ Grab	Date	06/26/2019 Time 10:25	Central	Date	Time	
WIN		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		B
Site Name:	Braden River @ Cypress Bend Park			2.81	☐ % sat	(mg/L)		
Lat		Temp (C)	29.2	pH	6.87	Sample Depth	0.3	Sp. Conductance (umho/cm) 583
		☐ dd	Salinity (ppt) 0.28	Comments: E. COLI DROPPED OFF 2 BENCHMARK				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite and		Bottle Group(s)
Field ID/WIN	G2SW0015	☒ Grab	Date	06/26/2019 Time 10:40	Central	Date	Time	
WIN		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		B
Site Name:	Nonsense @ Tara Preserve			1.06	☐ % sat	(mg/L)		
Lat		Temp (C)	26.2	pH	7.15	Sample Depth	0.1	Sp. Conductance (umho/cm) 820
		☐ dd	Salinity (ppt) 0.40	Comments: E. COLI DROPPED OFF 2 BENCHMARK				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite and		Bottle Group(s)
Field ID	G2SW0018	☒ Grab	Date	06/26/2019 Time 11:05	Central	Date	Time	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine		B
Site Name:	Cedar Creek @ Saddlehorn			4.82	☐ % sat	(mg/L)		
Latitude		Temp (C)	28.1	pH	7.43	Sample Depth	0.1	Sp. Conductance (umho/cm) 666
		☐ dd	Salinity (ppt) 0.32	Comments: E. COLI DROPPED OFF 2 BENCHMARK				
Location		☐ Comp	Collection (comp begin or grab)		Eastern	Composite and		Bottle Group(s)
Field ID	G2SW0017	☒ Grab	Date	Time	Central	Date	Time	
WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine		B
Site Name:	Rattlesnake Slough @ Linden	No Flow			☐ % sat	(mg/L)		
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)
		☐ dd	Salinity (ppt)	Comments: E. COLI DROPPED OFF 2 BENCHMARK				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	06/26/2019 1700	FedEx	2		

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: SW-BEA-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: SW-BEA-ECQ	P-250ML-WI-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4 3

4 or 4

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Group: B

Bottle Type:

BG-500ML

of Bottles: 4

Preservative:

ICE

Enter Number of Bottles Sent to Lab

~~3~~ 3

W-E8321-DI

W-E8321-MS

Benchmark EnviroAnalytical, Inc

1711 12th Street East

Palmetto, FL 34221

941-723-9986

941-723-6061 Fax

PO# B35040

AR-2019-06-24-03

Client Information:	FDEP	
Address:	13051 N. TELECOM PKWY	
	TAMPA, FL 33604	33637
Phone #	813-470-5772	
Fax #		
Email	judy.gaston@dep.state.fl.us, DEP WORKED MICALO	
Laboratory Submission #	140 6 1315	

Project Name:

Sample Name	Sample Type / Sample Matrix	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
625W0044 BRADEN RIVER @ CYPRESS BEND PARK	SW	06/26/2019	10 25	1	120ML	P	ICE	E. COLI	1
625W0015 NDNSENSE @ TARA PRESERVE	"	06/26/2019	10 40	"	"	"	"	E. COLI	2
625W0018 CEDAR CREEK @ SADDLEHORN	"	06/26/2019	11 05	"	"	"	"	E. COLI	3
625W0017 LINDEN RATTLESNAKE SLOUGH @ 7TH	"			"	"	"	"	E. COLI	4
625W0030 GAP CREEK @ 45TH ST.	"	06/26/2019	12 05	"	"	"	"	E. COLI	4
625W0110 GAP CREEK @ 37TH ST. E.	"	06/26/2019	11 35	"	"	"	"	E. COLI	5
FB 06262019 FIELD BLANK	"	06/26/2019	11 50	"	"	"	"	E. COLI	6

1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMT), or sludge (SLDG).
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4. Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 4°C (40°F).
Under "Preservative," list any preservatives that were added to the sample container.

Instructions:
1. Each bottle for a label identifying sample ID, preservative, sample type, client ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

1. Collected By:	Sarah Meyer	Date	06/26/19	Time	1205	Received By:		Date		Time	
2. Relinquished By:	Sarah Meyer	Date	06/26/19	Time	1239	Received By:	[Signature]	Date	6/26/19	Time	1240

Laboratory Sample Acceptability:

pH < 7 Temperature: 5.8°C

Benchmark EnviroAnalytical, Inc
 1711 12th Street East
 Palmetto, FL 34221
 941-723-9986
 941-723-6061 Fax

Client Information:	
Address:	
Phone #	
Fax #	
Email	

Project Name:

Laboratory Submission #	19061315
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Sample Name	Sample Type / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³	Lab Preserved ☐		
G25W0110-DUP GAP CREEK @ 3TH ST. E.	SW	06/26/2019	11:40	1	120ML	P	ICE	E. COLI	7

¹ "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
² "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLUD).
³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
⁴ Sample must be refrigerated or stored on wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).
 Under "Preservative" list any preservatives that were added to the sample container.

Instructions:
 1. Each bottle has a label identifying sample ID, nonconserved preservative contained in the bottle, sample type, client ID, and parameters for analysis.
 2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
 3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
 4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

1	Collected By: <i>Swanah Meyer</i>	Date: 06/26/19	Time: 12:05	Received By:		Laboratory Sample Acceptability: pH < 2.2 Temperature: 5.8°C
2	Relinquished By: <i>Swanah Meyer</i>	Date: 06/26/19	Time: 12:39	Received By: <i>AW</i>		
						Date: 6-26-19 Time: 12:40