



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name: Lake Tilden @ 150m SE of Center Date: 2/12/18
(mm/dd/yyyy)

WIN/ Field ID: G1CE0089 WBID: 2875B Latitude: 28.51970964
(Decimal Degrees)

County: Orange ORG ID: 21 FL CEN Longitude: -81.59215663
(Decimal Degrees)

Receiving Body of Water: _____ RQ-2018- 02-12-56

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
<u>Leif Bowman</u> <u>Katie Williams</u>				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
				Depth Measured with <u>SEECHE DISK LINE</u>								
				Equipment ID _____								
				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>Betty</u>				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes ☒ No ☐ Flow: No Flow / Intestinal / 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 (µmhos/cm)	Temp. (C°)		
EST	1145	3.0	0.3	0.5	7.94	92.2	7.06	0.10	216	22.70		
			2.5		4.81	51.2	6.55	0.10	216	19.23		
CEN												
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#: _____												
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>SA7275010</u>	<u>10/18</u>	☒ <2				
Metals	☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3	<u>NA7341010</u>	<u>12/18</u>	☒ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☐ Ice	<u>9743729</u>						
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-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA				☐ Ice							
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Other							

Notes: A

WIN ID / Field ID →

Lake Tilden @ 150m
SE of Center (2875B)



G1CE0089

Signature: Katie Williams Date: 2/12/18

Enter Field Parameters, Verify Station ID In LIMS DMT: KWW 2/13/18 QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: U.S. RomanField Report Prepared By: Katie WilliamsSampling Agency: 21Frien

Location	WIN ID / Field ID →	Latitude	Longitude	Comp	Collection (comp begin or grab)	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Sp. Conductance	Bottle Group(s)
Field ID	Lake Dot @ Center (2997Q)	☐ dd ☐ dms	☐ dd ☐ dms	☒ Comp	Date 2/12/18	9:37		10.66			C
WIN/STORET											
Latitude		☐ dd ☐ dms	☐ dd ☐ dms								
Location	WIN ID / Field ID →										
Field ID	Lake McCoy @ 220m SW of Center of Southern Lobe (2993C)	☐ dd ☐ dms	☐ dd ☐ dms	☒ Comp	Date 2/12/18	13:10		7.15			A
WIN/STORET #											
Latitude		☐ dd ☐ dms	☐ dd ☐ dms								
Location	WIN ID / Field ID →										
Field ID	Lake McCoy @ 245m NE of Center of Southern Lobe (2993C)	☐ dd ☐ dms	☐ dd ☐ dms	☒ Comp	Date 2/12/18	13:15		7.88			A
WIN/STORET #											
Latitude		☐ dd ☐ dms	☐ dd ☐ dms								
Location	WIN ID / Field ID →										
Field ID	Lake McCoy @ Center of North Lobe (2993C)	☐ dd ☐ dms	☐ dd ☐ dms	☒ Comp	Date 2/12/18	13:28		7.29			A
WIN/STORET #											
Latitude		☐ dd ☐ dms	☐ dd ☐ dms								

Relinquished By: Katie Williams

Date/Time: 2/12/18 1600

Shipping Method: FedExNumber of Coolers Shipped: 4Received By: Tyler R.

Date/Time: 02/13/18 0925

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	9
	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: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	9 to Florida
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	9
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	9
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	9
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	9
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-AHERB-AA						
	W-GLYPH						
	W-PYR-AA-R						
	W-SUC-AA-R						
	W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to Flawed
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1

Group: D	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0

McCoy X4 / Hope / Kasey X2 / Dot X2 / Tilden X4

Requester: Michael Linger

Field Report Prepared By:

Collected By:

Let B be

Sampling Agency:

Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 140m NW of Center (2875B)							
WIN/STORE								
Latitude	G1CE0087							
Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 165m NE of Center (2875B)							
WIN/STORE								
Latitude	G1CE0088							
Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 150m SE of Center (2875B)							
WIN/STORE								
Latitude	G1CE0089							
Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 225m S of Center (2875B)							
WIN/STORE								
Latitude	G1CE0090							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Kullana

0001

12

Received by: Tiler D

Date/Time 07/13

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-CARB-AA	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leaf BowmanField Report Prepared By: Kathie WilliamsSampling Agency: 21FICEN

Location		WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Lake McCoy @ Center of Southern Lobe (2993C)		Date <u>2/13/18</u> Time <u>1303</u>		Date		(See pg 2)	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.47</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C) <u>23.40</u> pH <u>7.06</u> Sample Depth <u>0.3</u> ft Sp. Conductance (umho/cm) <u>179</u>		ft		A	
Salinity (ppt)		0.08		Comments					
Location		WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Kasey Lake @ Center (3002Q)		Date <u>2/13/18</u> Time <u>1020</u>		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>9.91</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C) <u>22.78</u> pH <u>7.19</u> Sample Depth <u>0.3</u> ft Sp. Conductance (umho/cm) <u>104</u>		ft		A/B	
Salinity (ppt)		0.05		Comments					
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>---</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C)		pH			
Salinity (ppt)				Sample Depth		Sp. Conductance (umho/cm)			
Comments									
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>---</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C)		pH			
Salinity (ppt)				Sample Depth		Sp. Conductance (umho/cm)			
Comments									
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>---</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C)		pH			
Salinity (ppt)				Sample Depth		Sp. Conductance (umho/cm)			
Comments									

Relinquished By: <u>K Williams</u>	Date/Time: <u>2/13/18 1600</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>4</u>	Received By: <u>Tyler R.</u>	Date/Time: <u>02/13/18 @ 9:25</u>
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Group: A	Bottle Type:	P-1L	# of Bottles: 9	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: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CD-FLR-ECQ					
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-AHERB-AA					
	W-GLYPH					
	W-PYR-AA-R					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
	W-CARB-AA					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab



CONTRACT LAB - CHAIN OF CUSTODY

Client Name:
Address:
Project Manager:
E-Mail:
Telephone Number:

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

Project Name:

SMP

Project Number:

RQ-2018-02-12-56

Site Location:

Tilden, McLaughlin, Kasey
Katie Wilkins Signature: *[Signature]*

Contract/PO # Flowers Lab - B16975

Sampler Names:

Jeff Bonar

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 (ECQ)	Enterococci (ENQ)	Fecal Coliform (FC)
GZCE0171		2/12/18	1328	1	X		X							X			
GZCE0145		2/12/18	1315	1	X		X						X	X			
GZCE0098		2/12/18	1303	1	X		X						X	X			
GZCE0144		2/12/18	1310	1	X		X						X	X			
GZCE0067		2/12/18	937	1	X		X						X	X			
GZCE0090		2/12/18	1155	1	X		X						X	X			
GZCE0011		2/12/18	1020	1	X		X						X	X			
GZCE0099		2/12/18	1145	1	X		X						X	X			

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
KWILLIAMS	2/12/18	1442	MM / FUL	2/12	1443	Temp Upon Receipt: 80C
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?
						Y N



12

[illegible]

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

Reinaugurated by: Kullana

Received by:

Received by: MM/tv

Date	Time
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Date	3/2	Time	1451
------	-----	------	------

2

Date	12
------	----

1

Time 1.43

Comments

Temp
Upon Receipt:

Sample Containers Intact?