



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lk. Tilden @ 165m NE of Center

Date: 2/12/18

WIN/ Field ID: G1CE0088

WBID: 2875B

Latitude: 28.52145411

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.59316339

Receiving Body of Water: _____

RQ-2018- 02-12-56

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Luf Bowman</u>								
<u>Kate Williams</u>								

Water Level:		Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded		Meter ID#	Matrix: <u>Fresh</u> Marine/ DI	
Photos: Yes / <u>No</u>	Flow: No Flow / Intestinal / Flowing / <u>NA</u>	Tide: Rising/ Falling/ Slack/ <u>NA</u>	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°)
<u>EST</u>	<u>1135</u>	<u>3.0</u>	<u>0.3</u>	<u>0.5</u>	<u>7.90</u>	<u>91.1</u>	<u>6.96</u>	<u>0.10</u>	<u>216</u>	<u>22.45</u>
<u>CEN</u>			<u>2.5</u>		<u>5.26</u>	<u>55.3</u>	<u>6.58</u>	<u>0.10</u>	<u>215</u>	<u>17.84</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>SA7275010</u>	<u>10/18</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA7341010</u>	<u>12/16</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-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QADC	☐ 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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ 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)

Contains: 1:1 Nitric Acid
Lot No.: NA-7341010
EXP: 12/7/18
See SDS

Notes:

A

WIN ID / Field ID →

Lake Tilden @ 165m
NE of Center (2875B)



G1CE0088

Signature: Kate Williams

Date: 2/12/18

Enter Field Parameters, Verify Station ID in LIMS DMT: _____

Ymew 2/13/18

QC Station ID, Field Parameters in LIMS DMT: _____

Scan/Save Field Sheets _____

Migrate Data to WIN: _____

Verify Data in WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

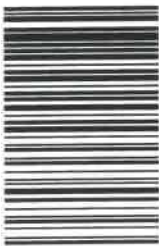
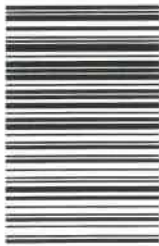
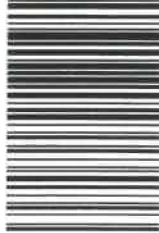
Florida Department of Environmental Protection
Central Laboratory Submittal Form

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 →		Longitude		Latitude	
Field ID	Lake Dot @ Center (2997Q)		☐ dd ☐ dms		☐ dd ☐ dms	
WIN/STORET						
 G2CE0067						
Location	WIN ID / Field ID →		Longitude		Latitude	
Field ID	Lake McCoy @ 220m SW of Center of Southern Lobe (2993C)		☐ dd ☐ dms		☐ dd ☐ dms	
WIN/STORET #						
 G2CE0144						
Location	WIN ID / Field ID →		Longitude		Latitude	
Field ID	Lake McCoy @ 245m NE of Center of Southern Lobe (2993C)		☐ dd ☐ dms		☐ dd ☐ dms	
WIN/STORET #						
 G2CE0145						
Location	WIN ID / Field ID →		Longitude		Latitude	
Field ID	Lake McCoy @ Center of North Lobe (2993C)		☐ dd ☐ dms		☐ dd ☐ dms	
WIN/STORET #						
 G2CE0171						

Comp	Collection (comp begin or grab)	Time	Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Salinity (ppt)	Comments	Comp	Collection (comp begin or grab)	Time	Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Salinity (ppt)	Comments
☒	Grab	2/12/18	9:37	10.66	7.15	0.3	7.00	☒	Grab	2/12/18	13:10	7.88	0.3	0.08	7.17
Diss. Oxygen		Total Res. Chlorine		Sp. Conductance		Sample Depth		Diss. Oxygen		Total Res. Chlorine		Sp. Conductance		Sample Depth	
mg/L		mg/L		(umho/cm)		(umho/cm)		mg/L		mg/L		(umho/cm)		(umho/cm)	
ft		ft		ft		ft		ft		ft		ft		ft	
m		m		m		m		m		m		m		m	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	
(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)		(See pg 2)	

Relinquished By: Katie WilliamsDate/Time: 2/12/18 1600Shipping Method: Fed ExNumber 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 Flow
	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 Bowen

Sampling Agency:

Relinquished By: <i>K. Williams</i>	Date/Time 2/2/16 1600	Shipping Method FedEx	Number of Coolers Shipped: 4	Received By: Tyler R.	Date/Time 02/13/2016
--	--------------------------	--------------------------	---------------------------------	--------------------------	-------------------------

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)		dd dms		Salinity (ppt) <u>0.08</u>		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)		dd dms		Salinity (ppt) <u>0.05</u>		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)		dd dms		Salinity (ppt)		Sample Depth			
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)		dd dms		Salinity (ppt)		Sample Depth			
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)		dd dms		Salinity (ppt)		Sample Depth			
Comments									

Relinquished By: K WilliamsDate/Time: 2/13/18 1600Shipping Method: FedExNumber of Coolers Shipped: 4Received By: Tyler R.Date/Time: 02/13/18 @ 9:25

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 Bonamy

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)	
GZUE0171		2/12/18	1328	1	X		X							X				
GZUE0145		2/12/18	1315	1	X		X							X				
GZUE0098		2/12/18	1303	1	X		X							X				
GZUE0144		2/12/18	1310	1	X		X							X				
GZUE0067		2/12/18	937	1	X		X							X				
GZUE0090		2/12/18	1155	1	X		X							X				
GZUE0011		2/12/18	1020	1	X		X							X				
GZUE0099		2/12/18	1145	1	X		X							X				

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:	2/12/18	1442	Received by:	MME / FEL	2/12	1443	Comments
Relinquished by:			Received by:				Temp Upon Receipt: 00C
							Sample Containers Intact? N



12

[illegible]

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

Date	Time
------	------

Received by:

2

Relinquished by: Kurt

Time	3/2
Chf	

Received by: *WML*

Date 12

Time	1,43
------	------

Comments

Temp
Upon Receipt:

Sample Containers Interact