



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Winnemissett @ Center

Date: 4/9/18

WIN/ Field ID: G2CE0184

WBID: 2931

Latitude: 28.29.0273914

County: Volusia

ORG ID: 21 FL CEN

Longitude: -81.24940902

Receiving Body of Water: _____

RQ-2018- 04-09-44

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Lef Roman									
Katie Williams									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>SECCHI DISK LINE</u>		
Equipment ID: <u>Knothead</u>		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☒ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes No Flow: No Flow / Intestinal / Flowing NA
Meter ID# Betty 67 Matrix: Fresh Marine/ DI
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>1113</u>	<u>4.2</u>	<u>0.3</u>	<u>4.2(s)</u>	<u>9.24</u>	<u>108.9</u>	<u>6.91</u>	<u>0.09</u>	<u>183</u>	<u>23.36</u>
<u>CEN</u>			<u>3.7</u>		<u>9.17</u>	<u>107.3</u>	<u>6.85</u>	<u>0.09</u>	<u>183</u>	<u>23.15</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>SA7341020</u>	<u>12/1/18</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☐ Ice ☒ HNO3	<u>NA7341010</u>	<u>12/1/18</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	<u>13615055</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-JC / 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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes:

WIN ID / Field ID →

Lake Winnemissett
@ Center (2931)



G2CE0184

Signature: K Williams

Date: 4/9/18

Enter Field Parameters, Verify Station ID in LIMS DMT: KWM 4/17/18

QC Station ID, Field Parameters in LIMS DMT: 712 4/19/18

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(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: L. Benan, K. WilliamsField Report Prepared By: K. WilliamsSampling Agency: 21FREN

Location	WIN ID / Field ID →	Collection (comp begin or grab)	Temp (C)	pH	Salinity (ppt)	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)	Total Res. Chlorine (mg/L)	Bottle Group(s)
Field ID											
WIN/STORET											
Latitude											
Location											
Field ID											
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 to Flowline
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2OICOOH 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
	W-CT-CI-R						
	W-PCL-SQ-R						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI						
	W-E8321-MS						

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: *K Williams*Collected By: *L Boman, K Williams*Sampling Agency: *ZIFREN*

Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date 4/9/18 Time 1325		Date		(See pg 2)
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C) 24.74 pH 7.51		ft Sp. Conductance		D
	dd	dms	Salinity (ppt) 0.14		(umho/cm) 0.3		
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date 4/9/18 Time 1400		Date		C
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C) 24.88 pH 7.59		ft Sp. Conductance		
	dd	dms	Salinity (ppt) 0.09		(umho/cm) 195		
Location			Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date		Date		
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)		ft Sp. Conductance		
	dd	dms	Salinity (ppt)		(umho/cm)		
Location			Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date		Date		
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)		ft Sp. Conductance		
	dd	dms	Salinity (ppt)		(umho/cm)		
Location			Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date		Date		
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)		ft Sp. Conductance		
	dd	dms	Salinity (ppt)		(umho/cm)		

Relinquished By: <i>K Williams</i>	Date/Time: 4/9/18 1600	Shipping Method: FedEx	Number of Coolers Shipped: 3	Received By: <i>Sylvia Pym</i>	Date/Time: 04/10/18 10:08
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: V WilliamsCollected By: L. Bowman, K. WilliamsSampling Agency: Z. Fleen

Location	WIN ID / Field ID →	Latitude	Longitude	Collection (comp begin or grab)	Comp	Grab	Date	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	% sat	Total Res. Chlorine	Time	Bottle Group(s)
Field ID	Lake Marie @ Center (2951)														
WIN/STORET #															
Latitude															
Location	WIN ID / Field ID →														
Field ID	Lake Gleason @ Center (2893G)														
WIN/STORET #															
Latitude															
Location															
Field ID															
WIN/STORET #															
Latitude															
Location															
Field ID															
WIN/STORET #															
Latitude															

Relinquished By: <u>V Williams</u>	Date/Time: <u>4/9/18 1600</u>	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>3</u>	Received By: <u>Hyler Reynolds</u>	Date/Time: <u>04/10/18 10:08</u>
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Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 4	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: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-CARB-AA	BG-500ML	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-CT-Cl-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab

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 Floures
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: 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	
Group: D	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	
Group: D	Bottle Type: P-250ML-WI-THI	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	

Group: D	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to Florida
Group: D	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1



Relinquished by:	Date	Time	Received by:	Date	Time	Comments
<i>Kul Dev</i>	4/9/16	1447	<i>mmr / 1-22</i>	4/9	1447	Temp Upon Receipt : 19.4°C 24.1°C
Relinquished by:			Received by:			Sample Containers Intact? ☒ N