



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Winnemissett @ Center

Date: 5/22/18
(mm/dd/yyyy)

WIN ID/ Field ID G2CE0184

WBID: 2931

Latitude: 29.022739

County: Volusia

ORG ID: 21FLCEN

Longitude: -81.2522 24960
(Decimal Degrees)

Receiving Body of Water:

RQ - 2018-05-21-27

Sampling Team Members

Leif Bomann
Katie March

Sampling Equipment

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

Depth Measured with: SECCHI DISK LINE

Equipment ID: Knothead

Collection Method

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

Water Level: Dry/ Pooled/ Low/ Normal/ High/ Flooded

Meter ID# Betty 67

Matrix: Fresh Marine / DI

Photos: Yes / No

Flow: No Flow / Intertidal / Flowing NA

Tide: Rising/ Falling/ Slack NA

Tide Times: High Low

Field Sample

(Bracket Sample Time)

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>1100</u>	<u>4.5</u>	<u>0.3</u>	<u>4.5(s)</u>	<u>7.75</u>	<u>95.1</u>	<u>6.73</u>	<u>0.08</u>	<u>177</u>	<u>25.77</u>
CEN			<u>4.0</u>		<u>7.88</u>	<u>96.4</u>	<u>6.76</u>	<u>0.08</u>	<u>177</u>	<u>25.61</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 ☐ H ₂ SO ₄	<u>SA7275010</u>	<u>10/2/18</u>	<u>2</u>
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☐ HNO ₃	<u>NA7341010</u>	<u>12/7/18</u>	<u>2</u>
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>13615055</u>		
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-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)

SULFURIC ACID <51%
DANGER
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe vapors. Avoid contact with skin and eyes. Wash thoroughly with plenty of water after handling. Do not get inside clothing. If you get it inside clothing, remove the clothing immediately and wash the contaminated area with plenty of water. If you get it in your eyes, hold them open and flush with plenty of water for at least 15 minutes. If you get it on your face, hold your face and flush with plenty of water for at least 15 minutes. If you get it on your body, hold your body and flush with plenty of water for at least 15 minutes. If you get it on your hands, hold your hands and flush with plenty of water for at least 15 minutes. If you get it on your feet, hold your feet and flush with plenty of water for at least 15 minutes. If you get it on your clothes, hold your clothes and flush with plenty of water for at least 15 minutes. If you get it on your hair, hold your hair and flush with plenty of water for at least 15 minutes. If you get it on your skin, hold your skin and flush with plenty of water for at least 15 minutes. If you get it on your face, hold your face and flush with plenty of water for at least 15 minutes. If you get it on your body, hold your body and flush with plenty of water for at least 15 minutes. If you get it on your hands, hold your hands and flush with plenty of water for at least 15 minutes. If you get it on your feet, hold your feet and flush with plenty of water for at least 15 minutes. If you get it on your clothes, hold your clothes and flush with plenty of water for at least 15 minutes. If you get it on your hair, hold your hair and flush with plenty of water for at least 15 minutes. If you get it on your skin, hold your skin and flush with plenty of water for at least 15 minutes.

QA/QC Sample Information Duplicate

Time Zone: EST CEN Time: 1105 Field ID: G2CE0184 - DUP
(WIN ID + DUP)

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	SA7341020	12/7/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA7341010	12/7/18	☒ <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-Cl-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-GFC				
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA				
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-F				

Field ID → G2CE0184_DUP
WIN → G2CE0184
Location → Lake Winnemissett
@ Center (2931)

Blank

Time Zone: EST CEN Time: 1135 Field ID: BLANK_0522018
(BLANK_DDMYYYYY)
DI Source: WASH ROOM Location: Lake Winnemissett

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: _____

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	SA8085170	3/24/19	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA7341010	12/7/18	☒ <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-Cl-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-G				
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA				
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				

Field ID → BLANK_0522018
Field Blank
Location/DI source
Washroom

Notes:
Launch: 115 Lake Winnemissett Dr.
E. coli Removed from site & DUP (CM instructions)

Signature: [Signature]

WIN ID / Field ID →
Lake Winnemissett
@ Center (2931)

Date: 5/22/18

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: L. Roman

Field Report Prepared By: K. March

Sampling Agency: 21FLEN

Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Winnemissett @ Center (2931)		Date 5/22/18 Time 1100		mg/L Total Res. Chlorine (mg/L)		(See pg 2)
WIN/STORET			Matrix (type, e.g., Salt Fresh, etc)		Diss. Oxygen 7.75 % sat		A
Latitude	dd Longitude dms		pH 6.73		Sample Depth 0.3 ft		
			Salinity (ppt) 0.08		Sp. Conductance (umho/cm) 177		
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Winnemissett @ 375m North of Center (2931)		Date 5/22/18 Time 1115		mg/L Total Res. Chlorine (mg/L)		(See pg 2)
WIN/STORET			Matrix (type, e.g., Salt Fresh, etc)		Diss. Oxygen 7.91 % sat		A
Latitude	dd Longitude dms		pH 6.75		Sample Depth 0.3 ft		
			Salinity (ppt) 0.08		Sp. Conductance (umho/cm) 177		
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Winnemissett @ 350m South of Center (2931)		Date 5/22/18 Time 1048		mg/L Total Res. Chlorine (mg/L)		(See pg 2)
WIN/STORET			Matrix (type, e.g., Salt Fresh, etc)		Diss. Oxygen 7.92 % sat		A
Latitude	dd Longitude dms		pH 6.78		Sample Depth 0.3 ft		
			Salinity (ppt) 0.08		Sp. Conductance (umho/cm) 175		
Location	Field ID → G2CE0184_DUP		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	WIN → G2CE0184		Date 5/22/18 Time 1105		mg/L Total Res. Chlorine (mg/L)		(See pg 2)
WIN/STORET			Matrix (type, e.g., Salt Fresh, etc)		Diss. Oxygen 7.92 % sat		C
Latitude	dd Longitude dms		pH		Sample Depth 0.3 ft		
			Salinity (ppt)		Sp. Conductance (umho/cm)		

Relinquished By: V March	Date/Time: 5/22/18 1600	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: J. A.	Date/Time: 5/23/18 10:22
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Group: A	Bottle Type: P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CD-FLR-ECQ					
Group: A	Bottle Type: BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 3	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: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: B	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					

Customer: CEN-DIST
Requester: Michael Linger
Field Report Prepared By:

Project ID: SMP
Collected By:
Sampling Agency:

[illegible]

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
					5/23/10 11:50

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0 (not collected)
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	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 CD-FLR-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to Flourent
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4 H2SO4 LOT# SA9895178 EXP: 03/26/19	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0 (not collected)
Group: C	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

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				
Group: D	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: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab
	W-ICP				
	W-ICPMS				
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3			H2SO4	
	W-NO2NO3			LOT# S00005170	
	W-S-A-TP			EXP: 03/26/19	
	W-TKN				
	W-TOC				
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F				

