



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Winnemissett @ 350m S of Center Date: 4/9/18

WIN/ Field ID: G2CE0186 WBID: 295731 Latitude: 29.019709

County: Volusia ORG ID: 21 FL CEN Longitude: -81.248976

Receiving Body of Water: _____ RQ-2018- 04-01-44

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

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☒ Syringe								
☐ Dipper	☐ Other								
Depth Measured with <u>SECCHI DISK LINE</u>									
Equipment ID <u>Knorhead</u>									

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

Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded									
Meter ID# <u>Bathy 67</u>					Matrix: <u>Fresh</u> Marine/ DI				

Photos: <u>Yes</u> / No									
Flow: <u>No Flow</u> / Intestinal / Flowing / <u>NA</u>									
Tide: <u>Rising</u> / 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°)
EST	1124	6.2	0.3	5.5	9.38	110.5	6.96	0.09	182	23.52
CEN			5.7		8.90	103.5	6.52	0.09	182	22.83

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	SA7341020	12/7/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	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-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 ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes:

WIN ID / Field ID →

Lake Winnemissett
@ 350m South of Center
(2931)



G2CE0186

Signature: Katie 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: 72 4/19/18

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Collected By:

L. Roman, K. Williams

Sampling Agency:

WIN ID / Field ID ↑

Lake Winnemissett
@ 375m North of Center

dd Longitude
dms

WIN ID / Field ID ↑

Lake Winnemissett
@ Center

Longitude
☐ dd ☐ dms

WIN ID / Field ID ↑

Lake Winnemissett
@ 350m South of Center

dd Longitude
dms

WIN ID / Field ID ↑

Three Island Lake @
Center of S Lobe (2938)

☐ dd
☐ dms

Shipping Method

Date/Time

Date/Time 4/9/18 1600

Number of Coolers Shipped:

Received By:

Date/Time

Tyler Reynolds 04/10/18 @ 10:05

Location	Field ID	WIN/STORET	Latitude	Location	Field ID	WIN/STORET	Latitude
WIN ID / Field ID →	Lake Winnemissett	@ 375m North of Center	☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1103	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1103	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 9.20 Sample Depth 0.3 pH 6.94 Comments 0.09	Bottle Group(s) (See pg 2) A
							
WIN ID / Field ID →	Lake Winnemissett	@ Center	☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1113	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1113	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 9.28 Sample Depth 0.3 pH 6.91 Comments 0.09	Bottle Group(s) A
							
WIN ID / Field ID →	Lake Winnemissett	@ 350m South of Center	☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1124	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1124	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 9.38 Sample Depth 0.3 pH 6.94 Comments 0.09	Bottle Group(s) A
							
WIN ID / Field ID →	Three Island Lake @	Center of S Lobe (2938)	☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1230	☐ Comp ☒ Grab Collection (comp begin or grab) Date 4/9/18 Time 1230	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 7.52 Sample Depth 0.3 pH 6.02 Comments 0.06	Bottle Group(s) A/B
							

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						

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: *K Williams*

Project ID: SMP

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	Lake Marie @ Center (2951)		Date	Time	Date	Time	(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		D
	dd	dms	Salinity (ppt) 0.14		Sample Depth 0.3		
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Lake Gleason @ Center (2893G)		Date	Time	Date	Time	(See pg 2)
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C) 24.88		pH 7.59		C
	dd	dms	Salinity (ppt) 0.09		Sample Depth 0.3		
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date	Time	Date	Time	(See pg 2)
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)		pH		
	dd	dms	Salinity (ppt)		Sample Depth		
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date	Time	Date	Time	(See pg 2)
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	dd	Longitude	Temp (C)		pH		
	dd	dms	Salinity (ppt)		Sample Depth		

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. Boman, 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	Total Res. Chlorine	Bottle Group(s)
Field ID	Lake Marie @ Center (2951)	☐ dd ☐ dms	☐ dd ☐ dms	☐ Eastern ☒ Central	☐ mg/L ☐ % sat	☐ ft ☐ m	1325	8:42	0.3	334	D	
WIN/STORET #												
Latitude		☐ dd ☐ dms	☐ dd ☐ dms									
Location	WIN ID / Field ID →	☐ dd ☐ dms	☐ dd ☐ dms	Collection (comp begin or grab)	Comp	Grab	Date	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Bottle Group(s)
Field ID	Lake Gleason @ Center (2893G)	☐ dd ☐ dms	☐ dd ☐ dms	☐ Eastern ☒ Central	☐ mg/L ☐ % sat	☐ ft ☐ m	1400	8:41	0.3	195	C	
WIN/STORET #												
Latitude		☐ dd ☐ dms	☐ dd ☐ dms									
Location		☐ dd ☐ dms	☐ dd ☐ dms	Collection (comp begin or grab)	Comp	Grab	Date	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Bottle Group(s)
Field ID		☐ dd ☐ dms	☐ dd ☐ dms	☐ Eastern ☒ Central	☐ mg/L ☐ % sat	☐ ft ☐ m						
WIN/STORET #												
Latitude		☐ dd ☐ dms	☐ dd ☐ dms									
Location		☐ dd ☐ dms	☐ dd ☐ dms	Collection (comp begin or grab)	Comp	Grab	Date	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Bottle Group(s)
Field ID		☐ dd ☐ dms	☐ dd ☐ dms	☐ Eastern ☒ Central	☐ mg/L ☐ % sat	☐ ft ☐ m						
WIN/STORET #												
Latitude		☐ dd ☐ dms	☐ dd ☐ dms									
Location		☐ dd ☐ dms	☐ dd ☐ dms	Collection (comp begin or grab)	Comp	Grab	Date	Time	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Bottle Group(s)
Field ID		☐ dd ☐ dms	☐ dd ☐ dms	☐ Eastern ☒ Central	☐ mg/L ☐ % sat	☐ ft ☐ m						
WIN/STORET #												
Latitude		☐ dd ☐ dms	☐ dd ☐ dms									

Relinquished By: V WilliamsDate/Time: 4/9/18Shipping Method: FedExNumber of Coolers Shipped: 3Received By: Hylen ReynoldsDate/Time: 04/10/18 01:08

Group: A	Bottle Type: P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CD-FLR-ECQ					
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
W-PO4-F					
Group: B	Bottle Type: BG-500ML	# 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
W-CT-Cl-R W-PCL-SQ-R					
Group: B	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
W-E8321-DI W-E8321-MS					

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



CONTRACT LAB - CHAIN OF CUSTODY

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
<i>[Signature]</i>	4/9/10	1447	<i>[Signature]</i>	4/9	1447	Temp Upon Receipt : 19.4°C 84.4°F
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? N