



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Marie @ Center

Date: 4/9/18
(mm/dd/yyyy)

WIN/ Field ID: G2CE0084

WBID: 2951

Latitude: 28.88526675
(Decimal Degrees)

County: Volusia

ORG ID: 21 FL CEN

Longitude: -81.31138845
(Decimal Degrees)

Receiving Body of Water: _____

RQ-2018- 04-09-44

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>SECCO</u> DISK LINE		
Equipment ID <u>Knother</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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	1325		0.3		8.42	101.6	7.51	0.14	334	24.74
		3.4		2.0						
CEN			3.1		4.33	49.3	6.87	0.14	330	21.53

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	SA7341020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	13615055		
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-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			

W-E8321-DI W-E8321-MS

Notes: _____

WIN ID / Field ID → Lake Marie @ Center (2951)

Signature: K Williams Date: 4/9/18



G2CE0084

Enter Field Parameters, Verify Station ID In LIMS DMT: WMM 4/17/18 QC Station ID, Field Parameters In LIMS DMT: 7/2 4/19/18
(Initials/Date) (Initials/Date)
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. Benner, 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						

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)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	
Latitude	dd	Longitude	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	dd	dms	Salinity (ppt)	Comments			
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	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	
Latitude	dd	Longitude	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	dd	dms	Salinity (ppt)	Comments			
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID			Date	Time	Date	Time	
WIN/STORET #			Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine (mg/L)	
Latitude	dd	Longitude	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	dd	dms	Salinity (ppt)	Comments			

Relinquished By: *K Williams*

Date/Time: 4/9/18

Shipping Method: FedEx

Number of Coolers Shipped: 3

Received By: *Sylvia Pym*

Date/Time: 04/10/18

04/10/18 10:08

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

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

Location		WIN ID / Field ID →		Bottle Group(s) (See pg 2)	
Field ID		Lake Marie @ Center (2951)			
WIN/STORET #					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms		
Location		WIN ID / Field ID →		Bottle Group(s)	
Field ID		Lake Gleason @ Center (2893G)			
WIN/STORET #					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms		
Location		WIN ID / Field ID →		Bottle Group(s)	
Field ID					
WIN/STORET #					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms		

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/9/18</u> Time <u>1325</u>	Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen <u>8.42</u> pH <u>7.51</u> Sample Depth <u>0.3</u> Sp. Conductance (umho/cm) <u>334</u>	Composite end Date <u>4/9/18</u> Time <u>1325</u> mg/L <u>8.42</u> % sat <u>334</u>	Eastern ☒ Central ☐ % sat	Bottle Group(s) <u>D</u>
Comments					

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/9/18</u> Time <u>1400</u>	Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen <u>8.41</u> pH <u>7.59</u> Sample Depth <u>0.3</u> Sp. Conductance (umho/cm) <u>195</u>	Composite end Date <u>4/9/18</u> Time <u>1400</u> mg/L <u>8.41</u> % sat <u>195</u>	Eastern ☒ Central ☐ % sat	Bottle Group(s) <u>C</u>
Comments					

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/9/18</u> Time <u>1400</u>	Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen <u>8.41</u> pH <u>7.59</u> Sample Depth <u>0.3</u> Sp. Conductance (umho/cm) <u>195</u>	Composite end Date <u>4/9/18</u> Time <u>1400</u> mg/L <u>8.41</u> % sat <u>195</u>	Eastern ☒ Central ☐ % sat	Bottle Group(s) <u>C</u>
Comments					

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4/9/18</u> Time <u>1400</u>	Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen <u>8.41</u> pH <u>7.59</u> Sample Depth <u>0.3</u> Sp. Conductance (umho/cm) <u>195</u>	Composite end Date <u>4/9/18</u> Time <u>1400</u> mg/L <u>8.41</u> % sat <u>195</u>	Eastern ☒ Central ☐ % sat	Bottle Group(s) <u>C</u>
Comments					

Relinquished By: <u>K 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>Hylen Reynolds</u>	Date/Time: <u>04/10/18 10:08</u>
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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



Relinquished by:	Date	Time	Received by:	Date	Time	Comments
<i>[Signature]</i>	4/9/16	1447	<i>[Signature]</i>	4/9	1447	Temp Upon Receipt : 19.4°C 24.1°C
Relinquished by:			Received by:			Sample Containers Intact? N