



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Three Island Lake @ Center of S. Lobe Date: 4/9/18

WIN/ Field ID: G2CE0085 WBID: 2938 Latitude: 28.93955

County: Volusia ORG ID: 21 FL CEN Longitude: -81.20976

Receiving Body of Water: _____ RQ-2018- 04-09-44

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Katie Williams</u> <u>Let Roman</u>									

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

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

Photos: Yes No Flow: No Flow / Intermittent / Flowing / NA 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 (µmhos/cm)	Temp. (C°)
EST	1230	2.9	0.3	0.8	7.52	89.4	6.02	0.04	133	23.99
CEN			2.4		2.37	82.3	5.59	0.04	131	20.09

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

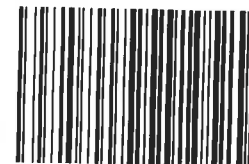
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

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	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-CHIC / 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: KIRC + pesticides, bac

WIN ID / Field ID →

Three Island Lake @
Center of S Lobe (2938)



G2CE0085

Signature: 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: 2K 4/19/18

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

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											
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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)	Time	Composite end	Bottle Group(s)
Field ID		Comp	Date	Eastern	(See pg 2)
WIN/STORET #		Grab		Central	
Latitude	☐ dd ☐ dms Longitude ☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc)			
		Diss. Oxygen <i>8.42</i> Total Res. Chlorine <i>---</i>			
		Temp (C) <i>24.74</i> pH <i>7.51</i> Sample Depth <i>0.3</i> Sp. Conductance (umho/cm) <i>334</i>			
		Salinity (ppt) <i>0.14</i> Comments <i>9:15-18</i>			
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID		Comp	Date	Eastern	(See pg 2)
WIN/STORET #		Grab		Central	
Latitude	☐ dd ☐ dms Longitude ☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc)			
		Diss. Oxygen <i>8.61</i> Total Res. Chlorine <i>---</i>			
		Temp (C) <i>24.88</i> pH <i>7.59</i> Sample Depth <i>0.3</i> Sp. Conductance (umho/cm) <i>195</i>			
		Salinity (ppt) <i>0.09</i> Comments <i>---</i>			
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID		Comp	Date	Eastern	(See pg 2)
WIN/STORET #		Grab		Central	
Latitude	☐ dd ☐ dms Longitude ☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc)			
		Diss. Oxygen <i>---</i> Total Res. Chlorine <i>---</i>			
		Temp (C) <i>---</i> pH <i>---</i> Sample Depth <i>---</i> Sp. Conductance (umho/cm) <i>---</i>			
		Salinity (ppt) <i>---</i> Comments <i>---</i>			
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID		Comp	Date	Eastern	(See pg 2)
WIN/STORET #		Grab		Central	
Latitude	☐ dd ☐ dms Longitude ☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc)			
		Diss. Oxygen <i>---</i> Total Res. Chlorine <i>---</i>			
		Temp (C) <i>---</i> pH <i>---</i> Sample Depth <i>---</i> Sp. Conductance (umho/cm) <i>---</i>			
		Salinity (ppt) <i>---</i> Comments <i>---</i>			
Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID		Comp	Date	Eastern	(See pg 2)
WIN/STORET #		Grab		Central	
Latitude	☐ dd ☐ dms Longitude ☐ dd ☐ dms	Matrix (type, e.g., Salt, Fresh, etc)			
		Diss. Oxygen <i>---</i> Total Res. Chlorine <i>---</i>			
		Temp (C) <i>---</i> pH <i>---</i> Sample Depth <i>---</i> Sp. Conductance (umho/cm) <i>---</i>			
		Salinity (ppt) <i>---</i> Comments <i>---</i>			

Relinquished By: <i>K Williams</i>	Date/Time: <i>4/9/18 1600</i>	Shipping Method: <i>FedEx</i>	Number of Coolers Shipped: <i>3</i>	Received By: <i>Sylvia Pymonds</i>	Date/Time: <i>04/10/18 10:08</i>
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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, V WilliamsSampling Agency: Z. Fleen

Location	WIN ID / Field ID →	Latitude	Longitude	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID		dd dms	dd dms	Comp Grab	Date	Date	(See pg 2)
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	
					mg/L	(mg/L)	
				Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
				Salinity (ppt)			
Location	WIN ID / Field ID →	dd dms	dd dms	Comp Grab	Date	Date	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	
WIN/STORET #					mg/L	(mg/L)	
Latitude		dd dms	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
				Salinity (ppt)			
Location	WIN ID / Field ID →	dd dms	dd dms	Comp Grab	Date	Date	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	
WIN/STORET #					mg/L	(mg/L)	
Latitude		dd dms	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
				Salinity (ppt)			
Location	WIN ID / Field ID →	dd dms	dd dms	Comp Grab	Date	Date	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	
WIN/STORET #					mg/L	(mg/L)	
Latitude		dd dms	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
				Salinity (ppt)			
Location	WIN ID / Field ID →	dd dms	dd dms	Comp Grab	Date	Date	Bottle Group(s)
Field ID				Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	
WIN/STORET #					mg/L	(mg/L)	
Latitude		dd dms	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
				Salinity (ppt)			

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>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:	Date	Time	Received by:	Date	Time	Sample Containers Intact? N