



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Double Bayou 800m upstream from Lake Wimico

Date: 3/29/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0003

WBID: 1262

Latitude: 29.79101

County: Gulf

ORG ID: 21FTLHR

Longitude: 85.107683
(Decimal Degrees)

Receiving Body of Water: Lake Wimico

RQ-2018-03-2C-51
(Decimal Degrees)

Sampling Team Members

Don Woods
Jade Buckner

Sampling Equipment

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

Depth Measured with
Equipment ID

Collection Method

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

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

Meter ID# EX03

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / 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 (umhos/cm)	Temp. (C°)
EST	1140	3.9	0.3	1.2	8.20	91.4	7.46	0.06	134	20.71
CEN	1145		3.4		7.99	68.3	7.22	0.06	136	20.25

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	7233030	8/21/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
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			

Place Preservative Sticker(s) Here
(If Available)

Notes:

A-b

Field/WIN ID →



G2TLHR0003

Location ↓

Double Bayou 800m upstream from Lake Wimico

Signature:

Date: 3/29/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By: S. Woods

Project ID: SMP

Collected By: Jon Woods / side bucket

Sampling Agency: 8034

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location ↓	Date 3/29/18	Time 1120	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine	(See pg 2)	
WIN/STQ		Temp (C) 19.19	pH 7.70	Sample Depth 7.70	ft	% sat	Sp. Conductance (umho/cm)	A	
Latitude		Salinity (ppt) 0.06	Comments						
Loca		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field	Location ↓	Date 3/29/18	Time 1140	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine		
WIN		Temp (C) 20.71	pH 7.48	Sample Depth 7.48	ft	% sat	Sp. Conductance (umho/cm)	A	
Latitude		Salinity (ppt) 0.06	Comments						
Locs		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field	Location ↓	Date 3/29/18	Time 1215	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine		
WIN		Temp (C) 20.49	pH 7.28	Sample Depth 7.28	ft	% sat	Sp. Conductance (umho/cm)	A	
Latitude		Salinity (ppt) 0.10	Comments						
Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Location ↓	Date 3/29/18	Time 1535	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	mg/L	Total Res. Chlorine		
WIN/STORET #		Temp (C)	pH	Sample Depth	ft	% sat	Sp. Conductance (umho/cm)		
Latitude		Salinity (ppt)	Comments						

Relinquished By: JW	Date/Time: 3/29/18 1535	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: SR	Date/Time: 3/29/18 3:37
---------------------	-------------------------	---------------------	------------------------------	-----------------	-------------------------

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter ID: Exo 3 RQ- Project:

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 12/17

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	3/29/14	759	26.1	8.90	8.90	100	-	1.07	P/F	L/F
ICV	↓	↓	809	20.1	9.07	9.09	100	-	1.07	P/F	L/F
CCV	↓	↓	1305	27.8	7.86	7.90	101	-	-	P/F	L/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	3/29/14	801	K60168	01/19	1000	1000	P/F	L/F
ICV	↓	↓	811	2710781	09/19	100	95	P/F	L/F
CCV	↓	↓	1310	18022A	03/19	500	481	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	3/29/14	803	171121A	06/19	7.0	7.0	-29.8	P/F	L/F
Calibr.	↓	↓	805	K6016D	01/19	4.0	4.0	139.7	P/F	L/F
Calibr.	↓	↓	807	180221E	09/19	10.0	10.0	-203.8	P/F	L/F
ICV	↓	↓	813	180221E	09/19	10.0	10.0	-197.3	P/F	L/F
CCV	↓	↓	1312	180221C	03/19	4.0	4.0	143.8	P/F	L/F
CCV									P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 174.0, slope from 4 to 7 169.5 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 12/17

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air						P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: