



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

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Data Qualified?

Yes / No

March 2017

Location/STORET Station Name: Mearson SpringDate: 11/27/2017STORET # G17LHR0025WBID: 3422P

Latitude: _____

(Decimal Degrees)

County: _____

RQ - 2017- 11-06-40ORG ID: 21FTLHR

Longitude: _____

(Decimal Degrees)

Receiving Body of Water: Sarasota RiverField ID: G17LHR0025-2017-05

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
Jessie Telbert Paul Blair					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
										☐ Carboy	☒ Syringe	
										☐ Dipper	☐ Other	
										Equipment ID		
										Collection Method		
										☒ Wading	☐ Via Boat	
										☐ From Shore	☐ Canoe/Kayak	
										☐ Other (note below)	☐ Electric Motor	
											☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / <u>Normal</u> / High / Flooded										Matrix: <u>Fresh</u> / Marine / DI			
Meter ID# <u>YS16920118157</u>										Photos: Yes / <u>No</u>		Tide Falling: Yes / No / <u>NA</u>	
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)			
EST	12:15	0.3	3.4	1.83	20.8	7.31	20	3.45	414	21.85			
CEN	12:20	2.4		1.70	19.4	7.28	20		414	21.85			

Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other									
SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:									

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ P ₂ SO ₄	7163030	6/1/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☐ HNO ₃	7226050	5/14/18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
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-QJDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☐ 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-PCL-SQ-R ☒ W-UHERB-AA ☒ W-GLYPH ☐ W-SUC-AA-R	☒ Ice ☐ Other			

Notes:

Secchi visible on bottom

G17LHR0025-2017-05



WBID 3422P

Field ID ↑

STORET ↓

Mearson
Spring

G17LHR0025

Signature: JTDDate: 11-27-2017Field Parameters Entered into LIMS: 16 9-17-2018

(Initials/Date)

Field Parameters QC in LIMS: _____

(Initials/Date)

Date Migrated to STORET: _____

(Initials/Date)

Field Sheets Scanned/Saved: _____

(Initials/Date)

JTC

Request Number: RA-2017-10-16-42

kit C_pesticides

RA-2017-11-06-40

Florida Department of Environmental Protection
Central Laboratory Submittal Form

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last revised Apr 7, 2016

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: Tolbert/Blair

Field Report Prepared By: Jessie Tolbert

Sampling Agency: 8234

G1TLHR0025-2017-05



WBID 3422P Field ID ↑ STORET ↓

Mearson

Spring



G1TLHR0025

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

G1TLHR0006-2017-04



WBID 3525 Field ID ↑ STORET ↓

Allen Mill Pond

Spring



G1TLHR0006

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

Location

Field ID

STORET #

Latitude

Location

Field ID

STORET #

Latitude

G1TLHR0025-2017-05		G1TLHR0006-2017-04	
WBID 3422P	Field ID ↑ STORET ↓	WBID 3525	Field ID ↑ STORET ↓
Mearson Spring		Allen Mill Pond Spring	
☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ dd ☐ dms Longitude ☐ dd ☐ dms	☐ dd ☐ dms Longitude ☐ dd ☐ dms
☐ Comp Grab ☒ Matrix (type, e.g., Salt, Fresh, etc)	☐ Comp Grab ☒ Matrix (type, e.g., Salt, Fresh, etc)	☐ Comp Grab ☒ Matrix (type, e.g., Salt, Fresh, etc)	☐ Comp Grab ☒ Matrix (type, e.g., Salt, Fresh, etc)
Temp (C) 21.85 pH 7.31 Salinity (ppt) .20	Temp (C) 21.85 pH 7.31 Salinity (ppt) .20	Temp (C) 21.49 pH 7.28 Salinity (ppt) .20	Temp (C) 21.49 pH 7.28 Salinity (ppt) .20
Collection Date 11-27-17 Time 12:15 Composite end Date 12:15	Collection Date 11-27-17 Time 12:15 Composite end Date 12:15	Collection Date 11-27-17 Time 13:50 Composite end Date 13:50	Collection Date 11-27-17 Time 13:50 Composite end Date 13:50
Diss. Oxygen 1.83 Sample Depth 0.3 Sp. Conductance (umho/cm) 414	Diss. Oxygen 1.83 Sample Depth 0.3 Sp. Conductance (umho/cm) 414	Diss. Oxygen 0.98 Sample Depth 0.3 Sp. Conductance (umho/cm) 424	Diss. Oxygen 0.98 Sample Depth 0.3 Sp. Conductance (umho/cm) 424
Eastern Central Bottle Group(s) A/B	Eastern Central Bottle Group(s) A/B	Eastern Central Bottle Group(s) A/B	Eastern Central Bottle Group(s) A/B

Number of Coolers Shipped: 2

Shipping Method

Hand Delivered

Date/Time

11-27-2017

Relinquished By:

Tolbert/Blair

Received By:

Date/Time

SR 11-27-17/3:39

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 name.

Meter ID: YS16420 118157

RQ: 2017-11-06-40

Project: SMP2017

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 10/17

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.	Jessie Tolbert	11-27-2017	9:15	17.6	9.54	9.56	100	N/A	1.0	☒ P / ☐ F	☐ L / ☒ F
ICV	" "	" "	9:17	17.6	9.54	9.56	100	N/A	1.0	☒ P / ☐ F	☐ L / ☒ F
CCV	" "	" "	15:41	21.5	8.8	9.0	100	N/A	1.0	☒ P / ☐ F	☐ L / ☒ F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

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

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

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.	Jessie Tolbert	11-27-17	9:18	17031A	11/2018	1000	1000	☒ P / ☐ F	☐ L / ☒ F
ICV	" "	" "	9:19	2707083	7/2019	100	101	☒ P / ☐ F	☐ L / ☒ F
CCV	" "	" "	15:13	171031A	11/2018	1000	997	☒ 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.	Jessie Tolbert	11-27-2017	9:21	170822L	3/2019	7.0	7.0	-50	☒ P / ☐ F	☐ L / ☒ F
Calibr.	" "	" "	9:24	170826A	10/2018	4.0	4.0	126	☒ P / ☐ F	☐ L / ☒ F
Calibr.	" "	" "	9:26	170822B	3/2019	10.0	9.97	-212	☒ P / ☐ F	☐ L / ☒ F
ICV	" "	" "	9:27	" "	" "	10.0	9.97	-212	☒ P / ☐ F	☐ L / ☒ F
CCV	" "	" "	15:46	170822L	3/2019	7.0	7.1	-50	☒ 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 _____, slope from 4 to 7 _____ (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 _____

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: