



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Grassy Hole Spring on Ichetucknee River

Date: 6/18/2019
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0100

WBID: 3519R

Latitude: 29.96806

(Decimal Degrees)

County: Columbia

ORG ID: 21FTLHR

Longitude: 82.7598

(Decimal Degrees)

Receiving Body of Water: Ichetucknee River

RQ: 2019-05-13-64

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Mike Dalsis										☐ Sample Container	☐ Van Dorn	☐ Pole		
Gary Maddox										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other Peristaltic Pump			
										Depth Measured with River's Depth Gauge				
										Equipment ID GWMS-1				
										Collection Method				
										☐ Wading	☐ Canoe/Kayak			
										☒ From Shore	☐ Electric Motor			
										☐ Other Weighted tubing	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded										Meter ID# 15A101028		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes / <u>No</u>										Flow: No Flow / Intestinal / <u>Flowing</u> / 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	11:55	1.0		1.6	1.05	12.2	7.32		357.9	22.694				
	12:00	0.3		VOB	1.01	11.7	7.37		358.6	22.699				
	12:05	estimated			0.99	11.5	7.39		358.9	22.781				
	12:10				0.98	11.4	7.40		359.1	23.159				
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				☐ <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-BR-IC / W-F / W-TSS / TURBIDITY				☐ Ice								
Macroinvertebrates		☐ MI-FW-QLDC				☐ Formalin								
Periphyton		☐ ALGAE-ID				☐ Ice								
Microbiology		☐ E Coll ☐ F Coll ☐ Enterococci				☐ Ice								
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				☐ Ice								
Tracers		☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice								
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA				☐ Ice								
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice								

H2SO4
LOT# SA9010030
EXP: 04/10/2020

Place Preservative Sticker(s) Here
(If Available)

Notes:

staff gage = 4.08'
sample depth = 0.3 m

Field/WIN ID →



G1TLHR0100

Location ↓

Grassy Hole Spring on Ichetucknee River

Signature:

Gary Maddox Gary Maddox

Date:

6/18/2019 8:28 AM

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

6-20-19

(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: Michael Eckles

Field Report Prepared By: Gary Maddox

Project ID: SMP

Collected By: Gary Maddox / Mike Dalsis

Sampling Agency: FDEP - GWNMS

Location		Field/WIN ID →		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID		↓		Date 6/18/2019 Time 12:10		Central		Date		(See pg 2)	
WIN/STORET #		Grassy Hole Spring on Ichetucknee River		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine			
Latitude		dd dms		Temp (C) 23.159		pH 7.40		Sample Depth 0.3		Sp. Conductance (umho/cm) 359.1	
Longitude		dd dms		Salinity (ppt)		Comments					
Location				Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID				Date		Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments					
Location				Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID				Date		Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments					
Location				Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID				Date		Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments					
Location				Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID				Date		Central		Date		Time	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine			
Latitude		dd dms		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		dd dms		Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
					6/19/19 0828

Group: A	Bottle Type:	P-1L	# of Bottles: 7	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:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	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: 7	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: C	Bottle Type:	P-1L	# of Bottles: 1	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: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
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	
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE		Enter Number of Bottles Sent to Lab	



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
GROUND WATER MANAGEMENT

CALIBRATION LOG

METER ID # 15A101028

PRE-SAMPLE CALIBRATION (circle one) IN-LAB ON-SITE ON-SITE LOCATION _____

DATE 6/18/19 TIME 0730 hrs

POST-SAMPLE CALIBRATION (circle one) IN-LAB ON-SITE ON-SITE LOCATION _____

DATE 6/19/19 TIME 0830 hrs

Reading Type	mg/L	Temp °C	% Sat	Pass or Fail
INITIAL	8.69	22.340	99.8	P
CALIBRATION	8.69	22.340	99.8	P
PRE-VERIFICATION	8.70	22.220	99.9	P
POST-VERIFICATION	8.52	22.902	99.1	P

SPECIFIC CONDUCTANCE

Reading Type	Standard	Lot #	Exp. Date	µS/cm	Pass or Fail
INITIAL	1000	180621C	7/19	1060.1	P
CALIBRATION	1000	180621C	7/19	1000.0	P
PRE-VERIFICATION	100	2802833	7/20	103.5	P
POST-VERIFICATION	1000	180621C	7/19	1002.5	P

pH

Reading Type	Standard	Lot #	Exp. Date	SU	Temp °C	Pass or Fail
INITIAL	7.0	180403C	10/19	7.14	23.069	P
CALIBRATION	7.0	180403C	10/19	7.00	23.079	P
CALIBRATION	4.0					
CALIBRATION	10.0	180222A	9/19	10.00	23.633	P
PRE-VERIFICATION	10.0	180222A	9/19	10.00	23.658	P
POST-VERIFICATION	7.0	180403C	10/19	6.97	23.401	P

Acceptance Criteria: DO ± 0.3 mg/L Sp. Cond. $\pm 5\%$ pH ± 0.2 SU Temperature ± 0.2 °C

Was the Specific Conductance Probe cleaned? (circle one) YES NO

Was the Dissolved Oxygen Membrane changed? (circle one) YES NO N/A

RQ & SITE IDs

Ichetucknee Main Blue Hole
Grassy Hole
Mission
Mill Pond

SAMPLER NAMES & SIGNATURES (All team members present)

Mike Dalsis *[Signature]* Gary Maddy *[Signature]*

