



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: **Waccasassa River @ Boat Ramp**

Date: **6/13/2019**
(mm/dd/yyyy)

WIN/ Field ID: **G1TLHR0032**

WBID: **3699A**

Latitude: **29.2132**

(Decimal Degrees)

County: **Levy**

ORG ID: **21FTLHR**

Longitude: **-82.7632**

(Decimal Degrees)

Receiving Body of Water: **Gulf of Mexico**

RQ- **2019-06-17-40**

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods					X	X			
Paul Blair						X	X	X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with YSI		
Equipment ID 153484		

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

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

Meter ID# **153484**

Matrix: **Fresh** / Marine / DI

Photos: Yes **No** Flow: No Flow / Intestinal **Flowing** / NA Tide: **Rising** / Falling / Slack / NA Tide Times: High **521** Low **957**

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	1200	2.7	0.3	1.0	6.12	74.2	6.98	0.17	353	25.1
CEN	1203		2.2		6.04	71.9	6.95	0.16	345	24.1

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	9129100	5/9/20	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	9099030	4/9/20	☒ <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 Coli ☒ F Coli ☒ 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 ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Place Label Here

Signature: *[Signature]* Date: **6/13/19**

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 **6-19-19** Migrate Data to WIN: Verify Data In WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Waccasassa River @ Otter Creek

Date: 6/18/19
(mm/dd/yyyy)

WIN/ Field ID: G1TLHR0101

WBID: 3699A

Latitude: 29.19866

(Decimal Degrees)

County: Levy

ORG ID: 21FLTLHR

Longitude: -82.772

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ: 2019-06-17-410

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Don Woods</u> <u>Paul Blair</u>									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>YSI</u>		
Equipment ID <u>153484</u>		

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

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

Meter ID# 153484

Matrix: Fresh / Marine / DI

Photos: Yes/ No Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High 1521 Low 1957

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	1150	3.1	0.3	1.0	5.87	71.5	7.16	0.29	598	25.7
CEN	1153		2.6		5.47	65.8	7.07	0.42	856	24.6

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	<u>9189100</u>	<u>5/9/20</u>	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☒ HNO3	<u>9099030</u>	<u>4/9/20</u>	☒ <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-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 Coli ☒ F Coli ☒ 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 ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Place Label Here

Signature: Don Woods Date: 6/18/19

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 6/18/19 Migrate Data to WIN: Verify Data in WIN:

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

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

Meter ID: 153484

RQ: 2019-06-17-40

Project: SMP 1906

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 4/19

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Jon Woods	6/16/19	8:19	19.4	757.3	9.1	9.06	99.7	—	1.1	P/F	L/F
ICV	"	"	8:40	20.8	757.2	8.9	9.15	102.6	—	—	P/F	L/F
CCV	Paul Blair	6-18-19	16:05	26.2	755.5	8.03	8.60	101.2	—	v	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 (Pro DSS 0.75 to 1.50); 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.	Jon Woods	6/16/19	8:24	180621C	7/2016	1000	1000	P/F	L/F
ICV	"	"	8:39	2604684	7/2020	100	102.1	P/F	L/F
CCV	Paul Blair	6-18-19	16:04	180927F	10-19	10,000	10,084	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Jon Woods	6/16/19	8:26	180621E	1/2020	7.02	21.4	7.02	48.7	P/F	L/F
Calibr.	"	"	8:28	190405B	10/2020	4.00	21.5	4.00	132.4	P/F	L/F
Calibr.	"	"	8:32	180621F	1/2020	10.03	21.5	10.04	-208.9	P/F	L/F
ICV	"	"	8:38	"	"	10.04	21.5	10.04	-209.7	P/F	L/F
CCV	Paul Blair	6-18-19	16:06	190405B	10-20	4.00	22.3	4.0	131.0	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 10 159.6, slope from 4 to 7 187.1 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 4/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last 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	Jon Woods	6/16/19	8:36	0.00	0.00	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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Requester: Michael Eckles

Field Report Prepared By: Paul Blair

Project ID: SMP

Collected By: Paul Blair / Son Woods

Sampling Agency: 8034

Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date 6-18-19 Time 11:50		Date		(See pg 2)
WIN/ST#	↓		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	↓		Temp (C) 25.7		Diss. Oxygen 5.87		
	↓		pH 7.18		Sp. Conductance (umho/cm) 598		A
	↓		Salinity (ppt) 0.29		Sample Depth 0.3		
	↓		Comments		ft		
	↓		m				
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date 6-18-19 Time 12:00		Date		(See pg 2)
WIN/ST#	↓		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	↓		Temp (C) 25.1		Diss. Oxygen 6.12		
	↓		pH 6.98		Sp. Conductance (umho/cm) 353		A
	↓		Salinity (ppt) 0.17		Sample Depth 0.3		
	↓		Comments		ft		
	↓		m				
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date		Date		(See pg 2)
WIN/STORET #	↓		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	↓		Temp (C)		Diss. Oxygen		
	↓		pH		Sp. Conductance (umho/cm)		
	↓		Salinity (ppt)		Sample Depth		
	↓		Comments		ft		
	↓		m				
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date		Date		(See pg 2)
WIN/STORET #	↓		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	↓		Temp (C)		Diss. Oxygen		
	↓		pH		Sp. Conductance (umho/cm)		
	↓		Salinity (ppt)		Sample Depth		
	↓		Comments		ft		
	↓		m				
Location	Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	↓		Date		Date		(See pg 2)
WIN/STORET #	↓		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine		
Latitude	↓		Temp (C)		Diss. Oxygen		
	↓		pH		Sp. Conductance (umho/cm)		
	↓		Salinity (ppt)		Sample Depth		
	↓		Comments		ft		
	↓		m				

Relinquished By: J	Date/Time: 6/18/19 1600	Shipping Method: HD	Number of Coolers Shipped:	Received By: KH	Date/Time: 6/18/19 16:01
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