



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
☒ Yes / ☐ No

WIN Station Name: Parker Bayou @ Mouth

Date: 04/30/2019
(mm/dd/yyyy)

WIN/ Field ID: G3TLHR0043

WBID: 1141B

Latitude: 30.1362

County: Bay

ORG ID: 21FTLHR

Longitude: -85.5694
(Decimal Degrees)

Receiving Body of Water: Callaway Bayou

RQ: 2019-04-29-73
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Burtcher						☒	☒	☒	☒	☒
D. Harden						☒	☒	☒	☒	☒

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# <u>154177</u>				Matrix: Fresh / ☒ Marine / DI			
Photos: Yes / ☒ No		Flow: No Flow / Intertidal / ☒ 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	1200	0.6	0.3	0.6	6.59	86.1	6.88	5.81	10295	26.1	
CEN				5							

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 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-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			

Place Preservative Sticker(s) Here
(If Available)

Notes:

Field/WIN ID →

Location ↓



G3TLHR0043



PARKER BAYOU @ MOUTH

Signature: [Signature]

Date: 04/30/19

LIMS EVENT ID: TLH-RQC-2019-04-30-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: BH

05/01/19

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

Project ID: SMP

Requester: Michael Eckles

Collected By: J. Burtchett

Field Report Prepared By: J. Burtchett

Sampling Agency: 8034

Location		Field/WIN ID →		Composite end		Bottle Group(s)	
Location		G3TLHR0043		Date 04/30/19 Time 1200		(See pg 2)	
Lat		PARKER BAYOU @ MOUTH		Diss. Oxygen 6.59		Total Res. Chlorine	
Long		5.81		pH 6.88		Sp. Conductance	
Comments		5.81		Sample Depth 0.3		b295	
Location		Field ID		Composite end		Bottle Group(s)	
Field ID		Date 04/30/19 Time 1200		Date 04/30/19 Time 1200		Date 04/30/19 Time 1200	
WIN/STORET #		Diss. Oxygen		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine	
Latitude		Temp (C)		pH		Sp. Conductance	
Longitude		Salinity (ppt)		Sample Depth		umho/cm	
Location		Field ID		Composite end		Bottle Group(s)	
Field ID		Date 04/30/19 Time 1200		Date 04/30/19 Time 1200		Date 04/30/19 Time 1200	
WIN/STORET #		Diss. Oxygen		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine	
Latitude		Temp (C)		pH		Sp. Conductance	
Longitude		Salinity (ppt)		Sample Depth		umho/cm	
Location		Field ID		Composite end		Bottle Group(s)	
Field ID		Date 04/30/19 Time 1200		Date 04/30/19 Time 1200		Date 04/30/19 Time 1200	
WIN/STORET #		Diss. Oxygen		mg/L Total Res. Chlorine		mg/L Total Res. Chlorine	
Latitude		Temp (C)		pH		Sp. Conductance	
Longitude		Salinity (ppt)		Sample Depth		umho/cm	

Relinquished By: JB, BSA	Date/Time: 4/30/19 1453	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 4/30/19 1454
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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:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLL-18QT					
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:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ENT-24-QT					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	FCOLL-MF					

8597080
7/14/19

Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: ENT-24-QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: FCOLI-MF	P-250ML-WO-THI	# of Bottles: 1	Preservative: 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: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab

Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-TOC				

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

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: 154177

RQ- 2019-04-29-73

Project: 2019 SMP

- 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 04/19

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.	Ben Harden	04/30/19	0746	19.9	762.3	9.1	100.4	9.13		0.986	P / F	D / F
ICV	"	"	0803	19.1	762.3	9.3	99.9	9.27			P / F	D / F
CCV	"	"	1501	22.6	761.9	8.7	8.75	101.4			P / F	D / 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.	Ben Harden	04/30/19	0748	180621C	07/19	1000	1000	P / F	D / F
ICV	"	"	0749	180621C	07/20	100	100.5	P / F	D / F
CCV	"	"	1504	180621B	07/19	50,000	51207	P / F	D / 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.	Ben Harden	04/30/19	0752	180403C	10/19	7.03	19.2	7.02	-53.1	P / F	D / F
Calibr.	"	"	0756	180621D	07/19	4.00	18.6	4.00	126.3	P / F	D / F
Calibr.	"	"	0759	180621F	01/20	10.08	18.3	10.08	-215.3	P / F	D / F
ICV	"	"	0801	"	"	10.08	18.2	10.09	-216.0	P / F	D / F
CCV	"	"	1505	180621D	07/19	4.00	20.1	4.05	124.9	P / F	D / 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 10 162.2, slope from 4 to 7 129.4 (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: 04/19

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	Ben Harden	04/30/19	0745	0.000	0.000	P / F	D / F

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

COMMENTS:

