



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Eagle Nest Bayou @ MouthDate: 04/29/2019
(mm/dd/yyyy)WIN/ Field ID: G3TLHR0041WBID: 1209Latitude: 30.0537County: BayORG ID: 21FTLHRLongitude: -85.4027
(Decimal Degrees)Receiving Body of Water: East Bay (Gulf of Mexico)RQ: 2019-04-29-73
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>Ben Harder</u> <u>Jade Burdett</u>					☒	☒	☒	☒	☒	☒ 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 / <u>Normal</u> / High / Flooded					Meter ID#					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>					Flow: No Flow / Intertidal / <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 (µmhos/cm)	Temp. (C°)				
<u>CEN</u>	<u>1330</u>	<u>1.3</u>	<u>0.3</u>	<u>0.4</u>	<u>7.36</u>	<u>89.6</u>	<u>6.84</u>	<u>1.07</u>	<u>2104</u>	<u>25.1</u>				
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 ☒ H ₂ SO ₄		<u>SA7163030</u>	<u>06/12/18</u>	☒ <2				
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO ₃				☐ <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								

Notes:

Sulfuric exposed

Field/WIN ID →

Location ↓



G3TLHR0041



EAGLE NEST BAYOU @ MOUTH

Signature: [Signature]Date: 04/29/2019LIMS EVENT ID: TLHRUC-2019-04-29-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: JB 5/4/19

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets JB 5/4/19 (Initials/Date)

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

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-

Project: SMP2019

- 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.	J. Burchett	4/29/19	802	19.8	760.2	9.13	9.13	100.1	-	0.99	P/F	L/F
ICV	✓	✓	812	18.5	760.2	9.4	9.38	100.2	-	-	P/F	L/F
CCV	✓	✓	1612	24.5	759.9	8.3	8.24	98.9			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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	4/29/19	804	140621C	07/19	1000	1000	P/F	L/F
ICV	✓	✓	814	2808884	07/20	100	102	P/F	L/F
CCV	✓	✓	1616	140621A	07/19	10000	10192	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.	J. Burchett	4/29/19	806	180400C	10/19	7.02	18.8	7.03	-493	P/F	L/F
Calibr.	✓	✓	808	180621D	07/19	4.00	19.1	4.06	126.2	P/F	L/F
Calibr.	✓	✓	810	180621F	01/20	10.06	18.5	10.04	216.2	P/F	L/F
ICV	✓	✓	816	180621F	01/20	10.06	19.0	10.06	217.3	P/F	L/F
CCV	✓	✓	1617	180621D	07/19	4.00	19.9	4.06	122.0	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 _____, slope from 4 to 7 _____ (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	J. Burchett	4/29/19	800	0.000	0.000	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:

Run 10

last revised Jan 25, 2018

Customer: TLH-ROC

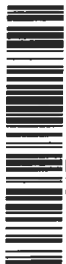
Requester: Michael Eckles

Field Report Prepared By: B. Harden

Project ID: SMP

Collected By: Butcher/Harden

Sampling Agency: 8034

Field/WIN ID → Location ↓	 G3TLHR0037	☐ dd ☐ dms	Latitude	☐ aa ☐ dms	Longitude	Field/WIN ID → Location ↓	 G3TLHR0038	☐ dd ☐ dms	Latitude	☐ aa ☐ dms	Longitude	Field/WIN ID → Location ↓	 G3TLHR0039	☐ dd ☐ dms	Latitude	☐ aa ☐ dms	Longitude	Field/WIN ID → Location ↓	 G3TLHR0041	☐ dd ☐ dms	Latitude	☐ aa ☐ dms	Longitude
Sandy Creek Upstream of Boat Ramp																							
Matrix (type, e.g., Salt, Fresh, etc) Fresh Temp (C) 20.3 pH 5.14 Salinity (ppt) 0.02 Comments Good Collection (comp begin or grab) Date 04/29/19 Time 1235 Composite end Date Eastern Central Diss. Oxygen 6.83 % sat Sample Depth 0.3 ft Sp. Conductance 50.1 (umho/cm) Total Res. Chlorine (mg/L) Bottle Group(s) A																							
Sandy Creek Upstream of Boat Ramp																							
Matrix (type, e.g., Salt, Fresh, etc) Fresh Temp (C) 22.3 pH 5.71 Salinity (ppt) 0.02 Comments Expired sulfuric Collection (comp begin or grab) Date 04/29/2019 Time 1245 Composite end Date Eastern Central Diss. Oxygen 6.30 % sat Sample Depth 0.3 ft Sp. Conductance 48.8 (umho/cm) Total Res. Chlorine (mg/L) Bottle Group(s) A																							
Sandy Creek Upstream of Boat Ramp																							
Matrix (type, e.g., Salt, Fresh, etc) Fresh Temp (C) 23.4 pH 5.33 Salinity (ppt) 0.11 Comments Expired sulfuric Collection (comp begin or grab) Date 04/29/2019 Time 1305 Composite end Date Eastern Central Diss. Oxygen 6.37 % sat Sample Depth 0.3 ft Sp. Conductance 242.5 (umho/cm) Total Res. Chlorine (mg/L) Bottle Group(s) A																							
Sandy Creek Upstream of Boat Ramp																							
Matrix (type, e.g., Salt, Fresh, etc) Fresh Temp (C) 25.1 pH 6.84 Salinity (ppt) 1.07 Comments Expired sulfuric Collection (comp begin or grab) Date 04/29/2019 Time 1330 Composite end Date Eastern Central Diss. Oxygen 7.36 % sat Sample Depth 0.3 ft Sp. Conductance 2104 (umho/cm) Total Res. Chlorine (mg/L) Bottle Group(s) B																							

Relinquished By: JB, BH

Date/Time: 4/29/19:1604

Shipping Method: TD

Number of Coolers Shipped: 1

Received By: Tylor

Date/Time: 04/29/19 04:00p

Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
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	3
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
ECOLI-18QT					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
(3) → 7163030 6/12/18 *expired (1) 8394070 12/6/19					
Group: A	Bottle Type: P-125ML	# of Bottles: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
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	1
CHLSUITE-W					
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
ENT-24-QT					
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
FCOLI-MF					

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