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: 153454 RQ- 2019-07-22-22 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 7/12/18

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. Burtchett	7/30/19	747	22.4	757.9	8.7	8.67	99.8	–	1.02	P / F	L / F
ICV	"	"	757	19.4	758.1	9.2	9.18	99.8	–	–	P / F	L / F
CCV	Jon Woods	"	1600	28.1	756.9	7.4	7.87	100.9	–	–	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burtchett	7/30/19	749	190618F	06/20	1000	1000	P / F	L / F
ICV	"	"	759	2808684	07/20	100	101	P / F	L / F
CCV	Jon Woods	"	1602	190618I	6/2020	50,000	49796	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 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. Burtchett	7/30/19	751	180621	01/20	7.02	18.9	7.03	-50.2	P / F	L / F
Calibr.	"	"	753	190618A	12/20	4.01	19.6	4.00	126.8	P / F	L / F
Calibr.	"	"	755	180621F	01/20	10.06	20.0	10.06	-215.9	P / F	L / F
ICV	"	"	801	180621F	01/20	10.06	20.3	10.06	-214.5	P / F	L / F
CCV	Jon Woods	"	1604	190618A	12/2020	4.01	22.0	4.06	123.0	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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 165.7, slope from 4 to 7 177 (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: 7/12/19
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. Burtchett	7/30/19	744	0.000	0.000	P / F	L / F

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

COMMENTS:

Form effective August 1, 2018

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: Eagle Nest Bayou @ Mouth **Date:** 07/30/2019 (mm/dd/yyyy)

WIN/ Field ID: G3TLHR0041 **WBID:** 1209 **Latitude:** 30.0537 (Decimal Degrees)

County: Bay **ORG ID:** 21FLTLHR **Longitude:** -85.4027 (Decimal Degrees)

Receiving Body of Water: East Bay (Gulf of Mexico) **RQ-** 2019-07-22-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods	X		X		
Jade Bustweth		X		X	X

Sampling Equipment
- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other
- Depth Measured with: YSI
- Equipment ID: 153484

Collection Method
- [ ] Wading
- [ ] Canoe/Kayak
- [ ] From Shore
- [x] Electric Motor
- [ ] Other
- [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded **Meter ID#** 153484 **Matrix:** Fresh / Marine / DI

Photos: Yes / No **Flow:** No Flow / Intestital / Flowing / NA **Tide:** Rising/ Falling/ Slack/ NA **Tide Times:** High 1053 Low 1043

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1115	1.3	0.3	0.8	4.20	60.8	6.90	13.04	~~20~~ 21540	31.0
CEN										

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	9010030	4/10/20	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[x] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[x] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[ ] E Coli [x] F Coli [x] Enterococci	[x] 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:

Place Label Here

Signature: [signature] **Date:** 7/30/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: Little Sandy Creek @ Mouth **Date:** 07/30/2019 (mm/dd/yyyy)

WIN/ Field ID: G3TLHR0039 **WBID:** 1155 **Latitude:** 30.094 (Decimal Degrees)

County: Bay **ORG ID:** 21FLTLHR **Longitude:** -85.4157 (Decimal Degrees)

Receiving Body of Water: Sandy Creek **RQ-** 2019.07.22.22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods	X		X		
Jade Butcher		X		X	X

Sampling Equipment
- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [x] Syringe
- [ ] Dipper
- [ ] Other
- Depth Measured with: YSI
- Equipment ID: 153484

Collection Method
- [ ] Wading
- [ ] Canoe/Kayak
- [ ] From Shore
- [ ] Electric Motor
- [ ] Other
- [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** 153484 **Matrix:** (Fresh) / Marine / DI

Photos: (Yes) / No **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ (Falling) Slack/ NA **Tide Times:** High 1053 Low 1043

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1150	3.5	0.3	1.0	5.62	79.9	6.46	7.06	12453	30.3
CEN	1154		3.0		3.07	43.6	6.69	11.22	19030	30.5

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	9010030	4/10/20	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] 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:

Place Label Here

Signature: [signature] **Date:** 7/30/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: Mule Creek @ Mouth **Date:** 07/30/2019 (mm/dd/yyyy)

WIN/ Field ID: G3TLHR0038 **WBID:** 1162 **Latitude:** 30.1137 (Decimal Degrees)

County: Bay **ORG ID:** 21FLTLHR **Longitude:** -85.4204 (Decimal Degrees)

Receiving Body of Water: Sandy Creek **RQ-** 2019-07-22-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Son Woods	X		X		
Jade Butchert		X		X	X

Sampling Equipment
- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [x] Syringe
- [ ] Dipper
- [ ] Other
- Depth Measured with YSI
- Equipment ID 153484

Collection Method
- [ ] Wading
- [ ] Canoe/Kayak
- [ ] From Shore
- [ ] Electric Motor
- [ ] Other
- [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded **Meter ID#** 153484 **Matrix:** Fresh / Marine / DI

Photos: Yes / No **Flow:** No Flow / Intestital / Flowing / NA **Tide:** Rising / Falling / Slack / NA **Tide Times:** High 1053 Low 1043

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1205	1.6	0.3	0.9	5.11	62.6	5.96	0.08	165	25.7
CEN	1206		1.1		0.60	10.9	6.28	8.64	15076	28.5

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	9010030	4/10/19	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[ ] Ice			
Chlorophyll	[x] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[x] 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	[x] 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:

Place Label Here

Signature: [signature] **Date:** 7/30/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

Sandy Creek Upstream Boat Ramp

WIN Station Name: Sandy creek N of Boat Ramp **Date:** 07/30/2019 (mm/dd/yyyy)

WIN ID/ Field ID G3TLHR0037 **WBID:** 1111 **Latitude:** 30.1145 (Decimal Degrees)

County: Bay **ORG ID:** 21FLTLHR **Longitude:** -85.4172 (Decimal Degrees)

Receiving Body of Water: East Bay / Gulf of Mexico **RQ -** 2019-07-22-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Jon Woods	X		X				
Jade Burtchett		X		X	X	X	

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [x] Syringe
- [ ] Dipper
- [ ] Other

Depth Measured with: YSI

Equipment ID 153484

Collection Method

- [ ] Wading
- [ ] Canoe/Kayak
- [ ] From Shore
- [ ] Electric Motor
- [ ] Other
- [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low/ (Normal)/ High/ Flooded **Meter ID#** 153484 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ (Falling)/ Slack/ NA **Tide Times:** High 1053 Low 1043 (Bracket Sample Time)

Field Sample

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)	1215	2.6	0.3	0.7	4.83	60.4	~~0.2~~ 5.71 DW	0.58	1208	26.9
CEN	1219		2.3		0.56	7.6	6.23	9.16	15708	27.9

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	9010030	4/10/20	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[x] Ice			
Molecular	[ ] PCR-FILTER [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-HF183 [ ] PCR-DG3 [ ] PCR-GFD	[ ] Ice			
Tracers	[ ] W-E3821-MS [ ] W-E32821-DI	[ ] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-E3821-MS [ ] W-CT-CL-R [ ] W-PCL-SQ-R [ ] W-E3821-DI [ ] W-CARB-AA	[ ] Ice			
Phytoplankton	[ ] DTY-QN-C [ ] PKD-QN-C	[ ] Ice			

Place Preservative Sticker(s) Here (If Available)

QA/QC Sample Information

Duplicate

Time Zone: (EST) CEN **Time:** 1225 **Field ID:** G3TLHR0037_DUP (WIN ID_DUP)

WIN DMT Activity ID:

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_2SO_4	9010030	4/10/20	☒ < 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			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice			

Place Preservative Sticker(s) Here (If Available)

Blank

Time Zone: (EST) CEN **Time:** 1235 **Field ID:** FB-07302019 (Blank Type_DDMMYYYY)

DI Source: Sink **Location:** C Building

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:**

WIN DMT Blank Batch ID:

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_2SO_4	9010030	4/10/20	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ 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			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			
Microbiology	☒ E.coli ☐ F. Coliform ☐ Entrococci				

Notes:

Place Label Here

Signature: [signature] **Date:** 7/30/19

LIMS EVENT ID: _____ **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: Parker Bayou @ Mouth **Date:** 07/30/2019 (mm/dd/yyyy)

WIN/ Field ID: G3TLHR0043 **WBID:** 1141B **Latitude:** 30.1362 (Decimal Degrees)

County: Bay **ORG ID:** 21FLTLHR **Longitude:** -85.5694 (Decimal Degrees)

Receiving Body of Water: Callaway Bayou **RQ** 2019-07-22-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jon Woods	X		X		
Sade Burtchett		X		X	X

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [ ] Syringe
- [ ] Dipper
- [ ] Other
- Depth Measured with YSI
- Equipment ID 1534184

Collection Method

- [ ] Wading
- [ ] Canoe/Kayak
- [ ] From Shore
- [ ] Electric Motor
- [ ] Other
- [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded **Meter ID#** 1534184 **Matrix:** Fresh / Marine / DI

Photos: Yes / No **Flow:** No Flow / Intestital / Flowing / NA **Tide:** Rising / Falling / Slack/ NA **Tide Times:** High 1053 Low 1042

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1300	2.1	0.3	1.6	6.16	93.4	7.46	15.36	25485	32.9
CEN	1303		1.6		3.98	61.4	7.70	25.38	39880	30.9

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_2SO_4			[ ] <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 [x] F Coli [x] Enterococci	[x] 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:

Place Label Here

Signature: [signature] **Date:** 7/30/19

LIMS EVENT ID: **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

Scan/Save Field Sheets (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

Request Number: RQ-2019-07-22-22

Run 10

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Woods/ Bustelette

Field Report Prepared By: Woods

Sampling Agency: 4034

Location	Field/WIN ID	Collection (comp begin or grab)	Composite end	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Total Res. Chlorine	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	Salinity (ppt)	Comments	Bottle Group(s) (See pg 2)
EAGLE NEST BAYOU @ MOUTH	G3TLHR0041	☐ Comp ☒ Grab; Date 7/30/19 Time 1115 (Eastern / Central)	Date / Time	Salt	4.20 ☒ mg/L ☐ % sat		31.0	6.90	0.3 ☐ ft ☒ m	21540	13.04		B
LITTLE SANDY CREEK @ MOUTH	G3TLHR0039	☐ Comp ☒ Grab; Date 7/30/19 Time 1150 (Eastern / Central)	Date / Time	Salt, Fresh	5.82 ☒ mg/L ☐ % sat		30.3	6.46	0.3 ☐ ft ☒ m	12453	7.06		A
MULE CREEK @ MOUTH	G3TLHR0038	☐ Comp ☒ Grab; Date 7/30/19 Time 1205 (Eastern / Central)	Date / Time	Fresh	5.11 ☒ mg/L ☐ % sat		25.7	5.96	0.3 ☐ ft ☒ m	165	0.06		A
SANDY CREEK N OF BOAT RAMP	G3TLHR0037	☐ Comp ☒ Grab; Date 7/30/19 Time 1215 (Eastern / Central)	Date / Time	Fresh	4.83 ☒ mg/L ☐ % sat		26.9	5.71	0.3 ☐ ft ☒ m	1208	0.58		A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JW	7/30/19 1555	FED	2		7/30/19 1554

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
A	P-1L	4	ICE	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
A	BP-1L	4	ICE	3
	CHLSUITE-W			
A	P-250ML-WO-THI	4	ICE	6
	ECOLI-18QT			
A	P-500ML	4	ICE And H2SO4 9010030 exp. 4/10/20	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			
A	P-125ML	4	FILTER-ICE	3
	W-PO4-F			
B	P-1L	1	ICE	1
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS			
B	BP-1L	1	ICE	1
	CHLSUITE-W			
B	P-250ML-WO-THI	1	ICE	2
	ENT-24-QT			
B	P-250ML-WO-THI	1	ICE	1
	FCOLI-MF			

Group	Bottle Type	# of Bottles	Preservative	Enter Number of Bottles Sent to Lab
B	P-500ML	1	ICE And H2SO4	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC		9010030 Exp. 4/10/20	
B	P-125ML	1	FILTER-ICE	1
	W-PO4-F			
C	P-250ML-WO-THI	1	ICE	
	ENT-24-QT			
C	P-250ML-WO-THI	1	ICE	
	FCOLI-MF			
D	P-1L	1	ICE	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
D	BP-1L	1	ICE	
	CHLSUITE-W			
D	P-250ML-WO-THI	1	ICE	
	ECOLI-18QT			
D	P-500ML	1	HNO3	
	W-ICP W-ICPMS			
D	P-500ML	1	ICE And H2SO4	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN			

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
D	P-500ML	1	ICE And H2SO4	
	W-TOC			
D	P-125ML	1	FILTER-ICE	
	W-PO4-F			
E	P-1L	1	ICE	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
E	P-250ML-WO-THI	1	ICE	
	ECOLI-18QT			
E	P-500ML	1	ICE And H2SO4	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			
E	P-125ML	1	FILTER-ICE	
	W-PO4-F			

Request Number: RQ-2019-07-22-22

Run 10

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By:

Field Report Prepared By:

Sampling Agency:

Location: Sandy Creek Not Boat Ramp	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/30/19 Time 1225 Eastern Central			Composite end Date Time	Bottle Group(s) (See pg 2): A
Field ID: G3TLHR0037_DUP	Matrix (type, e.g., Salt, Fresh, etc): S	Diss. Oxygen: 4.83 ☒ mg/L ☐ % sat			Total Res. Chlorine (mg/L)	
WIN/STORET #: G3TLHR0037	Temp (C): 26.9	pH: 5.71	Sample Depth: 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm): 12046	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt): 0.56	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/30/19 Time 1235 Eastern Central			Composite end Date Time	Bottle Group(s): E
Field ID	Matrix (type, e.g., Salt, Fresh, etc): OI	Diss. Oxygen: / ☐ mg/L ☐ % sat			Total Res. Chlorine (mg/L)	
WIN/S	Temp (C): /	pH: /	Sample Depth: / ☐ ft ☐ m		Sp. Conductance (umho/cm): /	
Latituc ☐ dms	☐ dd ☐ dms	Salinity (ppt): /	Comments			
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/30/19 Time ~~1[illegible]~~ 1300 Eastern Central			Composite end Date Time	Bottle Group(s): C
Field	Matrix (type, e.g., Salt, Fresh, etc): S	Diss. Oxygen: 6.18 ☒ mg/L ☐ % sat			Total Res. Chlorine (mg/L)	
WIN/	Temp (C): 32.9	pH: 7.46	Sample Depth: 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm): 25465	
Latit ☐ dms	☐ dd ☐ dms	Salinity (ppt): 15.38	Comments			
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern Central			Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat			Total Res. Chlorine (mg/L)	
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Field/WIN → FB_07302019

Location ↓

Sandy Creek Upstream Boat Ramp

Field/WIN ID → G3TLHR0043

Location ↓

PARKER BAYOU @ MOUTH

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JW	7/30/19 1555	HD	2		7/30/19 KEY

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
A	P-1L	4	ICE	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
A	BP-1L	4	ICE	1
	CHLSUITE-W			
A	P-250ML-WO-THI	4	ICE	2
	ECOLI-18QT			
A	P-500ML	4	ICE And H2SO4	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC		9010030 Exp. 4/10/20	
A	P-125ML	4	FILTER-ICE	1
	W-PO4-F			
B	P-1L	1	ICE	
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS			
B	BP-1L	1	ICE	
	CHLSUITE-W			
B	P-250ML-WO-THI	1	ICE	
	ENT-24-QT			
B	P-250ML-WO-THI	1	ICE	
	FCOLI-MF			

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
B	P-500ML	1	ICE And H2SO4	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			
B	P-125ML	1	FILTER-ICE	
	W-PO4-F			
C	P-250ML-WO-THI	1	ICE	2
	ENT-24-QT			
C	P-250ML-WO-THI	1	ICE	2
	FCOLI-MF			
D	P-1L	1	ICE	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
D	BP-1L	1	ICE	
	CHLSUITE-W			
D	P-250ML-WO-THI	1	ICE	
	ECOLI-18QT			
D	P-500ML	1	HNO3	
	W-ICP W-ICPMS			
D	P-500ML	1	ICE And H2SO4	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN			

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
D	P-500ML	1	ICE And H2SO4	
	W-TOC			
D	P-125ML	1	FILTER-ICE	
	W-PO4-F			
E	P-1L	1	ICE	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
E	P-250ML-WO-THI	1	ICE	1
	ECOLI-18QT			
E	P-500ML	1	ICE And H2SO4	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC		9010030 Exp. 4/10/20	
E	P-125ML	1	FILTER-ICE	1
	W-PO4-F			