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: YSI Pro DSS RQ- 2019-06-17-12 Project: Nassau North

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 _____

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.	AKalmbacher	6-19-19	0850	23.3	755.9	8.5	8.45	99.5			P / F	L / F
ICV		↓	0855	23.5	755.8	8.5	8.46	99.6			(P) F	(L) F
CCV	AKalmbacher	↓	1515	21.9	755.9	8.7	8.66	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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	AKalmbacher	6-19-19	0857	190430A	5/2020	1,000	1,000	P / F	L / F
ICV		↓	0859	190319B	3/2020	100	103.7	(P) F	(L) F
CCV	AKalmbacher	↓	1517	190430A	5/2020	1,000	994	(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.	AKalmbacher	6-19-19	0800	2904C54	3/2021	7.	24.7	7.13	-59.2	P / F	L / F
Calibr.		↓	6803	2904B00	3/2021	4.	24.7	4.08	120.6	P / F	L / F
Calibr.		↓	0805	2901B51	7/2020	10.	24.6	10.8	-232.8	P / F	L / F
ICV		↓	0809	2904C54	3/2021	7.0	24.4	7.02	-58.0	(P) F	(L) F
CCV	AKalmbacher	↓	1520	2901B51	7/2020	10.0	24.3	10.4	-235.4	(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 _____, 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: 6/4/2019
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	AKalmbacher	6-19-19	0814	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:
3801 - Callahan - WWTP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: LOFTON CR @ A1A **Date:** 6-19-2019 (mm/dd/yyyy)

WIN/ Field ID: 19020003 **WBID:** 2129A **Latitude:** 30.62988 (Decimal Degrees)

County: Nassau **ORG ID:** 21 FLA **Longitude:** - 81.58767 (Decimal Degrees)

Receiving Body of Water: Nassau River **RQ-2019-** 06-17-12

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
The Brian Davis		✓		✓	✓
Amy Kalmbacher	✓		✓		

Sampling Equipment
- ☑ Sample Container ☐ Van Dorn ☑ Pole
- ☐ Carboy ☐ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with Pole VSS
- Equipment ID Orthot #3

Collection Method
- ☐ Wading ☐ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☑ Other Dock ☐ Gasoline Motor

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

Photos: Yes / No **Flow:** No Flow / Intestital / (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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1220	1.8	0.3	0.8	4.5	59	6.57	1.79	3427	27.8
CEN			1.3		4.5	58.5	6.57	1.80	3443	27.8

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	SA9010030	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			
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				

Contains: 1:1 H_2SO_4
Lot No.: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

Place Preservati (If Ava

SULFURIC ACID <51%

Notes:

WIN ID/Field ID: 19020003

LOFTON CR @ A1A

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

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 JSD 6/19/19 (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: Creek draining former Hampton Lake 100m above rd **Date:** 6-19-2019 (mm/dd/yyyy)

WIN/ Field ID: G4NE0292 **WBID:** 2105A **Latitude:** 30.77696 (Decimal Degrees)

County: Nassau **ORG ID:** 21 FLA **Longitude:** -81.96995 (Decimal Degrees)

Receiving Body of Water: Nassau River **RQ-2019-** 06-17-12

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
The Brian Davis	✓		✓		
Amy Kalmbacher		✓		✓	✓

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [x] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with Pro DSS
- Equipment ID C-Flo # 3

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

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

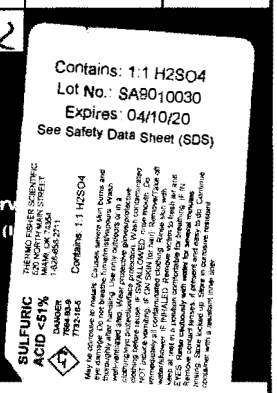
Photos: (Yes) / No **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High — Low —

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1110	0.2	0.1	VOD (S)	6.69	83.6	6.54	0.04	83.8	26.8
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	SA9010030	4/2020	[ ] <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	R8KA17522		
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	[ ] 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:

WIN ID/Field ID: G4NE0292

Creek draining former Hampton lake 100m above rd

Signature: [signature] **Date:** 6-19-2019

LIMS EVENT ID: _____ WIN Import ID: _____

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

Scan/Save Field Sheets BD 6/19/19 (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: Unnamed Branch above Alligator Cr. **Date:** 6-19-2019 (mm/dd/yyyy)

WIN/ Field ID: G4NE0288 **WBID:** 2156 **Latitude:** 30.576507 (Decimal Degrees)

County: Nassau **ORG ID:** 21 FLA **Longitude:** - 81.82468 (Decimal Degrees)

Receiving Body of Water: Alligator Creek **RQ-2019-** 06-17-12

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
The Brian Davis		X		X	
Amy Kalmbacher	X		X		

Sampling Equipment

- [X] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with meter
- Equipment ID Ortho Kit 3

Collection Method

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

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

Photos: (Yes) / No **Flow:** No Flow / Intestital / (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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	0940	0.27	0.13	0.27 S	3.54	43	7.33	0.29	593	25.2
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	SA9010030	4/2020	[ ] <2
Metals	[X] W-ICPMS [X] W-ICP	[X] Ice [X] HNO_3	NA9099030	4/2020	[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	K8A1722		
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	[ ] 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			

Contains: 1:1 HNO3
Lot No.: NA9099030
Expires: 04/09/20
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4
Lot No.: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

Notes:
3801 - Gate code
WWTP

WIN ID/Field ID: G4NE0288

Unnamed Branch above Alligator cr.

Signature: A Kalmbacher **Date:** 6-19-2019

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 BP 6/19/19 (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: Egans Creek at N 14th **Date:** 6-19-2019 (mm/dd/yyyy)

WIN/ Field ID: G4NE0290 **WBID:** 2127A **Latitude:** 30.69176 (Decimal Degrees)

County: Nassau **ORG ID:** 21 FLA **Longitude:** - 81.45254 (Decimal Degrees)

Receiving Body of Water: ICW **RQ-2019-** 06-17-12

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
The Brian Davis	✓		✓		
Amy Kalmbacher		✓		✓	✓

Sampling Equipment
- ☑ Sample Container ☐ Van Dorn ☐ Pole
- ☐ Carboy ☐ Syringe
- ☐ Dipper ☐ Other
- Depth Measured with: Pro Dss
- Equipment ID: Out 50 #1

Collection Method
- ☐ Wading ☐ Canoe/Kayak
- ☐ From Shore ☐ Electric Motor
- ☑ Other Dock ☐ Gasoline Motor

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

Photos: Yes / (No) **Flow:** No Flow / Intestital / (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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1305	2.3	~~0.9~~ 0.3 BV	0.9	5.09	80.5	7.6	35.47	55848	28.9
CEN	1310		1.2		5.13	81	7.64	35.47	53834	28.9

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	SA9010030	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	18KA17522		
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				

Contains: 1:1 H2SO4
Lot No.: SA9010030
Expires: 04/10/20
See Safety Data Sheet (SDS)

Place Preservat (If Av

SULFURIC ACID <51%

Notes:

WIN ID/Field ID: G4NE0290

Egans Creek at N. 14th

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

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 BV 6/19/19 (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: MILLS CREEK AT US 301/US1 **Date:** 6/19/2019 (mm/dd/yyyy)

WIN/ Field ID: 19020048 **WBID:** 2120B **Latitude:** 30.6389138 (Decimal Degrees)

County: Nassau **ORG ID:** 21 FLA **Longitude:** - 81.86306 (Decimal Degrees)

Receiving Body of Water: Nassau River **RQ-2019-** 06-17-12

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
The Brian Davis					
Amy Kalmbacher					

Sampling Equipment

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

Collection Method

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

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

Photos: Yes / No **Flow:** No Flow / Intestital / 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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1030									
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	☐ 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 ☐ 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:

WIN ID/Field ID: 19020048

MILLS CREEK AT US 301/US1

Signature: [signature] **Date:** 6-19-2019

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)

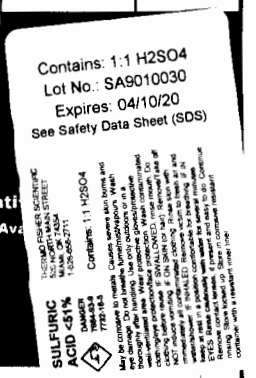
Duplicate

Time Zone: EST CEN **Time:** 1310 **Field ID:** G4NE0290 (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	SA9010030	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	R8KA17522		
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 Preservati (If Av



Blank

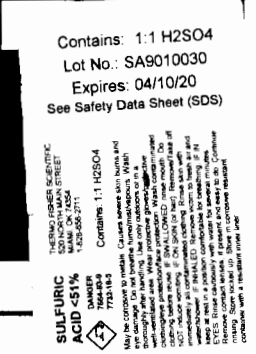
Time Zone: EST CEN **Time:** 1315 **Field ID:** FB 06192019

DI Source: IVEROC L&E **Location:** Egans Creek at N. 14th (Blank Type_DDMMYYYY)

☑ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** Ortho #3

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	SA9010030	4/10/20	☑ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			
Filtered Nutrients	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice	R8KA17522		
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			



Note:

Field ID: G4NE0290_DUP

Location : Egans creek at N.14th

WIN ID : G4NE0290

Egans creek at N.14th

Field ID: FB 06192019

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

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 DD 6/19/19 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

Request Number: RQ-2019-06-17-12

Nassau North

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: B Davis, AK-Inbacker

Field Report Prepared By: B. D.

Sampling Agency: DEAR NED

WIN ID/Field ID: G4NE0290

Egans Creek at N. 14th

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6/19/19 Time 1305 (Eastern) Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): Salt

Diss. Oxygen: 5.09 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 28.9 | pH: 7.6 | Sample Depth: B 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 53,848

Salinity (ppt): 35.47 | Comments

WIN ID/Field ID: 19020003

LOFTON CR @ A1A

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6/19/19 Time 1220 Eastern (Central) | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 4.5 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 27.8 | pH: 6.57 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 3427

Salinity (ppt): 1.79 | Comments

WIN ID/Field ID: G4NE0288

Unnamed Branch above Alligator cr.

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6/19/19 Time 9/40 (Eastern) Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 3.54 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 25.2 | pH: 7.33 | Sample Depth: 0.1 B ☐ ft ☑ m | Sp. Conductance (umho/cm): 593

Salinity (ppt): 0.29 | Comments

WIN ID/Field ID: G4NE0292

Creek draining former Hampton lake 100m above rd

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 6/19/19 Time 1110 (Eastern) Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 6.69 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C): 26.8 | pH: 6.54 | Sample Depth: 0.1 ☐ ft ☑ m | Sp. Conductance (umho/cm): 83.8

Salinity (ppt): 0.04 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
B. D.	6/19/19 1630	Fed Ex	2		

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	CHLSUITE-W						

Request Number: RQ-2019-06-17-12

Nassau North

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By:

Field Report Prepared By:

Sampling Agency:

Field ID: G4NE0290 DUP

Location : Egans creek at N.14th

WIN ID : G4NE0290

☐ Comp ☑ Grab	Collection (comp begin or grab) Date 6/19/19 Time 1310	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) BD C		
Matrix (type, e.g., Salt, Fresh, etc) ~~DI~~ BD S/H		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				

Egans creek at N.14th

Field ID: FB 06192019

☐ Comp ☑ Grab	Collection (comp begin or grab) Date 6/19/19 Time 1315	Eastern Central	Composite end Date	Time	Bottle Group(s) D		
Matrix (type, e.g., Salt, Fresh, etc) DI		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				

WIN ID/Field ID: 19020048

MILLS CREEK AT US 301/US1

☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date	Time	Bottle Group(s)		
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Salinity (ppt)	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				

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

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2 BT
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2 BT
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	
	W-ICP W-ICPMS						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 2	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-CL-IC W-COLOR W-F W-SO4-IC W-TDS 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-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 2
	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** 2
	W-PO4-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 2
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 2
	CHLSUITE-W					
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 2
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab** 2
	W-PO4-F					
Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab** 1
	W-NH3 W-NO2NO3					

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

W-S-A-TP
W-TKN
W-TOC

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

W-PO4-F