

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: Desi

RQ: 2019-09-30-07

Project: VEC

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 7/2019

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.	<u>R. Appleby</u>	<u>10/2/19</u>	<u>735</u>	<u>22.7</u>	<u>761.0</u>	<u>8.6</u>	<u>8.63</u>	<u>100.1</u>	<u>-</u>	<u>-</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>737</u>	<u>22.8</u>	<u>761.0</u>	<u>8.6</u>	<u>8.62</u>	<u>100.2</u>	<u>-</u>	<u>-</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>AKelmbacher</u>	<u>10-2-19</u>	<u>1955</u>	<u>24.1</u>	<u>760</u>	<u>8.4</u>	<u>8.37</u>	<u>99.5</u>	<u>-</u>	<u>-</u>	<u>P/F</u>	<u>L/F</u>
CCV											<u>P/F</u>	<u>L/F</u>

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 #	Explr. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	<u>R. Appleby</u>	<u>10/2/19</u>	<u>738</u>	<u>190711B</u>	<u>7/2020</u>	<u>1000</u>	<u>1000</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>742</u>	<u>190711A</u>	<u>7/2020</u>	<u>100</u>	<u>99.4</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>AKelmbacher</u>	<u>10-2-19</u>	<u>1500</u>	<u>196711B</u>	<u>7/2020</u>	<u>1000</u>	<u>997</u>	<u>P/F</u>	<u>L/F</u>
CCV								<u>P/F</u>	<u>L/F</u>

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Explr. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	<u>R. Appleby</u>	<u>10/2/19</u>	<u>747</u>	<u>2902778</u>	<u>1/2021</u>	<u>7.00</u>	<u>23.5</u>	<u>7.00</u>	<u>+26.7</u>	<u>P/F</u>	<u>L/F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>752</u>	<u>2904300</u>	<u>3/2021</u>	<u>4.00</u>	<u>23.6</u>	<u>4.00</u>	<u>154.8</u>	<u>P/F</u>	<u>L/F</u>
Calibr.	<u>↓</u>	<u>↓</u>	<u>756</u>	<u>2810F55</u>	<u>4/2020</u>	<u>10.00</u>	<u>23.6</u>	<u>10.00</u>	<u>-197.5</u>	<u>P/F</u>	<u>L/F</u>
ICV	<u>↓</u>	<u>↓</u>	<u>757</u>	<u>2904300</u>	<u>3/2021</u>	<u>4.00</u>	<u>23.6</u>	<u>3.98</u>	<u>154.6</u>	<u>P/F</u>	<u>L/F</u>
CCV	<u>AKelmbacher</u>	<u>10-2-19</u>	<u>1503</u>	<u>2810F55</u>	<u>4/2020</u>	<u>10.0</u>	<u>-23.8</u>	<u>10.01</u>	<u>200.2</u>	<u>P/F</u>	<u>L/F</u>
CCV										<u>P/F</u>	<u>L/F</u>

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: 7/2019

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	<u>R. Appleby</u>	<u>10/2/19</u>	<u>800</u>	<u>0.00</u>	<u>0.00</u>	<u>P/F</u>	<u>L/F</u>

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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Lake Vedra at Solana Rd.

Date: 10/02/2019

(mm/dd/yyyy)

WIN/ Field ID: 27010180

WBID: 2320B1

Latitude: 30.22757

(Decimal Degrees)

County: St. Johns

ORG ID: 21 FLA

Longitude: -81.37712

(Decimal Degrees)

Receiving Body of Water: Guana River

RQ-2019- 09-30-07

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
A. Kalmbacher K. Appleby										☒ Sample Container	☐ Van Dorn	☒ Pole		
										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with <u>Desi</u>				
										Equipment ID <u>On the kit #7</u>				
										Collection Method				
										☐ Wading	☐ Canoe/Kayak			
										☒ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID# <u>DCS</u>					Matrix: <u>Fresh</u> Marine/ DI				
Photos: Yes / <u>NO</u>		Flow: No Flow / Intertidal / <u>Flowing</u> / NA			Tide: Rising/ Falling/ Slack/ <u>NA</u>			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	<u>845</u>	<u>0.595</u>	<u>0.3</u>	<u>0.595</u>	<u>3.24</u>	<u>41.5</u>	<u>7.61</u>	<u>0.45</u>	<u>913</u>	<u>27.5</u>				
CEN				<u>S</u>										
Biological Samples Collected: <u>None</u> 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>SA9129100</u>	<u>5/2020</u>	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO ₃			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>R43A8675</u>							
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								

Contains: 1:1 H2SO4
Lot No.: SA9129100
Expires: 05/09/20
See Safety Data Sheet (SDS)

THE HEMET PESTICIDE IDENTIFICATION SYSTEM (HID) is a rapid, easy-to-use, and reliable method for identifying pesticides. It is based on the unique chemical structure of each pesticide and is designed to be used by anyone with a basic understanding of chemistry. The HID system is a valuable tool for identifying pesticides in the field and in the laboratory. It is a simple, fast, and reliable method for identifying pesticides and is a valuable tool for anyone who works with pesticides.

Notes:

WIN ID/Field ID:



27010180

LAKE VEDRA AT SOLANA RD.

Signature: [Signature]

Date:

10/2/19

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

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Date Qualified?

Yes / No

WIN Station Name: Moses Creek @ US 1

Date: 10/02/2019

(mm/dd/yyyy)

WIN/ Field ID: 27010050

WBID: 2535B

Latitude: 29.77458

(Decimal Degrees)

County: St. Johns

ORG ID: 21 FLA

Longitude: -81.316138

(Decimal Degrees)

Receiving Body of Water: ICW

RQ-2019- 09-30-07

Sampling Team Members						Sampling Equipment				
<u>Kim Appleby</u> <u>Amy Kalmbacher</u>						☒ Sample Container	☐ Van Dorn	☒ Pole		
						☐ Carboy	☐ Syringe			
						☐ Dipper	☐ Other			
						Depth Measured with <u>Secchi</u>				
Equipment ID <u>Orphe Kit 7</u>						Collection Method				
						☐ Wading	☐ Canoe/Kayak			
						☒ From Shore	☐ Electric Motor			
						☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>Pro DSS Desi</u>		Matrix: <u>Fresh</u> Marine/ DI		
Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / <u>Flowing</u> / NA						Tide: Rising/ Falling/ Slack/ <u>NA</u>		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 (umhos/cm)	Temp. (C°)
<u>EST</u>	<u>1015</u>	<u>0.2</u>	<u>0.1</u>	<u>0.2</u>	<u>5.1</u>	<u>62</u>	<u>7.45</u>	<u>0.37</u>	<u>757</u>	<u>24.9</u>
<u>CEN</u>				<u>S</u>						
Biological Samples Collected: <u>None</u> 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>SA9129100</u>	<u>5/2020</u>	☒ <2	
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO ₃			☐ <2	
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice	<u>R93A86875</u>			
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 ☐ W-E8321-MS ☐ W-CARB-AA					☐ Ice				
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C									

Notes:

WIN ID/Field ID:



27010050

MOSES CR AT US 1

Signature:

Amy Kalmbacher

Date:

10-2-2019

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)

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Cracker Branch at Pellicer Creek campground

Date: 10/02/2019

WIN/ Field ID: G5NE0582

WBID: 2553

Latitude: 29.65905 29.653

County: St. Johns

ORG ID: 21 FLA

Longitude: -81.29016 -81.28835

Receiving Body of Water: Pellicer Creek

RQ-2019- 09-30-07

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Kim Appleby											☒ Sample Container	☐ Van Dorn	☒ Pole		
Amy Kolmbacher											☐ Carboy	☐ Syringe			
											☐ Dipper	☐ Other			
											Depth Measured with Des.				
											Equipment ID Ortho kit #7				
											Collection Method				
											☐ Wading	☐ Canoe/Kayak			
											☐ From Shore	☐ Electric Motor			
											☒ Other Dolk	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# Des.			Matrix: Fresh / Marine/ DI						
Photos: Yes / <u>No</u>						Flow: No Flow / Intestinal / <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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)					
EST	1050	0.917	0.3	0.917	2.08	25.7	6.64	3.45	6356	25.0					
CEN				5											
Biological Samples Collected: <u>None</u> 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	SA9129100	5/2020	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice	☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		R9BA86815							
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					☐ Ice									
	☐ 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					☐ Ice									
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice									
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice									

Notes:

WIN ID/Field ID:



G5NE0582

Cracker Branch at Pellicer Creek
campground

Signature:

[Handwritten Signature]

Date:

10/2/2019

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

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Palm Coast Canal 0.6 mi. down from road

Date: 10/02/2019

(mm/dd/yyyy)

WIN/ Field ID: G5NE0026

WBID: 2609A

Latitude: 29.49754

(Decimal Degrees)

County: Flagler

ORG ID: 21 FLA

Longitude: -81.17991

(Decimal Degrees)

Receiving Body of Water: Graham Swamp

RQ-2019- 09-30-07

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Amy Kalmbacher Kim Appleby						X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☒ Pole		
											☐ Carboy	☐ Syringe			
											☐ Dipper	☐ Other			
Depth Measured with Desi						Equipment ID: In the Kit #7									
											Collection Method				
						☐ Wading	☒ From Shore	☐ Other	☐ Canoe/Kayak						
									☐ Electric Motor						
									☐ Gasoline Motor						
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# Pro DSS Desi			Matrix: <u>Fresh</u> / Marine / DI						
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: Rising/ Falling/ Slack/ <u>NA</u>			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	1150	0.2	0.1	0.2	5.6	72	7.24	0.16	343	28.1					
CEN				3											
Biological Samples Collected: <u>None</u> 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	SA9129100	5/2020	☐ <2						
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2						
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	R2BA86875								
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					☐ Ice									
	☐ 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					☐ Ice									
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice									
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C														

Notes:

WIN ID/Field ID:



G5NE0026

Palm Coast Canal 0.6mi down from road

Signature:

[Signature]

Date:

10/2/2019

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

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

UEC

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: Kimberly Appleby

Project ID: SMP

Collected By: K. Appleby + A. KalmbachSampling Agency: FDEP NE ROC

WIN ID/Field ID:



27010180

LAKE VEDRA AT SOLANA RD.

Latitude

☐ dd

Longitude

☐ dms

WIN ID/Field ID:



27010050

MOSES CR AT US 1

Latitude

☐ dd

Longitude

☐ dms

WIN ID/Field ID:



G5NE0582

Cracker Branch at Pellicer Creek
campground

Latitude

☐ dd

Longitude

☐ dms

WIN ID/Field ID:



G5NE0026

Palm Coast Canal 0.6mi down from road

Latitude

☐ dd

Longitude

☐ dms

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/2/2019</u> Time <u>845</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) B	
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>3.24</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u>—</u>
Temp (C) <u>27.5</u>	pH <u>7.61</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>913</u>
Salinity (ppt) <u>0.45</u>		Comments			
☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/2/2019</u> Time <u>1015</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.1</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u>—</u>
Temp (C) <u>24.9</u>	pH <u>7.45</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>757</u>
Salinity (ppt) <u>0.37</u>		Comments			
☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/2/2019</u> Time <u>1050</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>		Diss. Oxygen <u>2.08</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u>—</u>
Temp (C) <u>25.0</u>	pH <u>6.64</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>6356</u>
Salinity (ppt) <u>3.45</u>		Comments			
☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/2/2019</u> Time <u>1150</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) A	
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.6</u>	☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) <u>—</u>
Temp (C) <u>28.1</u>	pH <u>7.24</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>343</u>
Salinity (ppt) <u>0.16</u>		Comments			

Relinquished By:

K. Appleby

Date/Time

10/2/2019 1530

Shipping Method

Fed Ex

Number of Coolers Shipped:

2

Received By:

Date/Time

Florida Department of Environmental Protection

Central Laboratory Submittal Form

UEC

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. ParrishField Report Prepared By: Kimberly ApplebyCollected By: K. Appleby & A. KalmbacherSampling Agency: FDEP NE ROL

Field ID: <u>G5NE0026 DUP</u>		☐ Comp		Collection (comp begin or grab)		☒ Eastern		Composite end		Bottle Group(s)	
Location: <u>Palm Coast Canal 0.6 mi down from road</u>		☒ Grab		Date <u>10/2/2019</u> Time <u>1155</u>		☒ Central		Date _____ Time _____		(See pg 2)	
WIN ID: <u>G5NE0026</u>		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		A	
Latitude ☐ dd ☐ dms		Temp (C) <u>28.1</u>		pH <u>7.24</u>		☐ % sat		(mg/L) <u>—</u>			
Longitude ☐ dd ☐ dms		Salinity (ppt) <u>0.16</u>		Sample Depth <u>0.1</u>		☐ ft ☒ m		Sp. Conductance (umho/cm) <u>343</u>			
Comments											
Location: <u>Palm Coast Canal 0.6 mi down from road</u>		☐ Comp		Collection (comp begin or grab)		☒ Eastern		Composite end		Bottle Group(s)	
FIELD ID: <u>FB 10022019</u>		☒ Grab		Date <u>10/2/2019</u> Time <u>1200</u>		☒ Central		Date _____ Time _____		(See pg 2)	
Latitude ☐ dd ☐ dms		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine		C	
Longitude ☐ dd ☐ dms		Temp (C)		pH		☐ % sat		(mg/L)			
Salinity (ppt)		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)					
Comments											
Location		☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date _____ Time _____		☐ Central		Date _____ Time _____		(See pg 2)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine			
Latitude ☐ dd ☐ dms		Temp (C)		pH		☐ % sat		(mg/L)			
Longitude ☐ dd ☐ dms		Salinity (ppt)		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Comments											
Location		☐ Comp		Collection (comp begin or grab)		☐ Eastern		Composite end		Bottle Group(s)	
Field ID		☐ Grab		Date _____ Time _____		☐ Central		Date _____ Time _____		(See pg 2)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		Total Res. Chlorine			
Latitude ☐ dd ☐ dms		Temp (C)		pH		☐ % sat		(mg/L)			
Longitude ☐ dd ☐ dms		Salinity (ppt)		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Comments											

Relinquished By: <u>K. Appleby</u>	Date/Time: <u>10/2/2019 1530</u>	Shipping Method: <u>Fed Ex</u>	Number of Coolers Shipped: <u>2</u>	Received By: _____	Date/Time: _____
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	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	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	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	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	—

Group: B Bottle Type: P-500ML # of Bottles: 1 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: B Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1

W-PO4-F

Group: C Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: C Bottle Type: P-500ML # of Bottles: 1 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: C Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1

W-PO4-F

