

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: Pro DSS Dcsi

RQ: 2019-10-14-12

Project: LSTR Coast/Downtown

- 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.	K. Appleby	10/15/19	859	24.2	762.7	8.4	8.40	100.4		1.04	Ⓟ/F	Ⓟ/F
ICV	↓	↓	902	24.4	762.8	8.4	8.39	100.4			Ⓟ/F	Ⓟ/F
CCV	J Parnish	10/15/19	1634	23.9	760.4	8.5	8.45	100.1		1.04	Ⓟ/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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	K. Appleby	10/15/19	905	190711B	7/2020	1000	1000	Ⓟ/F	Ⓟ/F
ICV	↓	↓	908	190711A	7/2020	100	104.5	Ⓟ/F	Ⓟ/F
CCV	J Parnish	10/15/19	1636	190711C	7/2020	50000	50,692	Ⓟ/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.	K. Appleby	10/15/19	916	2902778	1/2021	7.00	24.7	7.00	-31.0	Ⓟ/F	Ⓟ/F
Calibr.	↓	↓	914	2904800	3/2021	4.00	24.8	4.00	152.1	Ⓟ/F	Ⓟ/F
Calibr.	↓	↓	918	2810F55	4/2020	10.00	24.9	10.00	-201.0	Ⓟ/F	Ⓟ/F
ICV	↓	↓	923	2904800	3/2021	4.00	24.9	3.96	152.1	Ⓟ/F	Ⓟ/F
CCV	J Parnish	10/15/19	1639	2810F55	4/2020	10.00	24.9	10.01	-202.8	Ⓟ/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 10 170.0, slope from 4 to 7 183.1 (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	K. Appleby	10/15/19	925	0.00	0.00	Ⓟ/F	Ⓟ/F

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: Blockhouse 100m abv Irma rd.

Date: 10/15/2019
(mm/dd/yyyy)

WIN/ Field ID: G2NE1159

WBID: 2207A

Latitude: 30.44008

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.69028

(Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2019- 10-14-12

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
K. Appleby									
J. Parrish									

Sampling Equipment				
☒ Sample Container	☐ Van Dorn	☒ Pole		
☐ Carboy	☐ Syringe			
☐ Dipper	☐ Other			

Depth Measured with meter
Equipment ID Orthe Kit #44

Collection Method				
☐ Wading	☐ Canoe/Kayak			
☒ From Shore	☐ Electric Motor			
☐ Other	☐ Gasoline Motor			

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Meter ID# Pro DSS Desi Matrix: Fresh Marine / DI
Photos: Yes / No Flow: No Flow / Intertidal / Flowing / NA Tide: Rising/ Falling/ Slack/ NA Tide Times: High Low
Time Zone: EST Time: 1025 Total Depth (m): 0.25 Sample Depth (m): 0.12 Secchi Disk (m): 0.25 DO (mg/L): 4.34 DO (%SAT): 51.3 pH: 6.31 Salinity (PPT): 0.11 Sp COND (µmhos/cm): 235.1 Temp. (C°): 23.7
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 ☒ H2SO4 SA9010030 4/2020 <2
Metals ☒ W-ICPMS ☒ W-ICP ☒ Ice ☒ HNO3 NA9189080 7/2020 8
Filtered Nutrients ☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter ☒ Ice RA9189080
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
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
Phytoplankton ☐ DTY-QN-C ☐ PKD-QN-C ☐ Ice

Notes:

WIN ID/Field ID:



G2NE1159

Blockhouse 100m abv Irma rd.

Signature: [Signature]

Date: 10/15/2019

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: DEER CR @ TALLEYRAND AVE

Date: 10/15/2019
(mm/dd/yyyy)

WIN/ Field ID: 20030792

WBID: 2256

Latitude: 30.341528

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.629417

(Decimal Degrees)

Receiving Body of Water: SJR

RQ-2019- 10-14-12

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Parrish						
K. Appleby						

Sampling Equipment	
☒ Sample Container	☒ Van Dorn
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>Desi</u>	
Equipment ID <u>Ortho kit #44</u>	

Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes / No
Flow: No Flow / Intestinal / Flowing / NA
Tide: Rising/ Falling / Slack/ NA
Tide Times: High / 040 / Low
Meter ID: PRO DSS DESI
Matrix: Fresh / Marine / DI

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°)
EST	1405	0.50	0.25	0.50	1.15	14.2	6.91	3.83	86914	25.1
CEN				S						

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	SA9129100	5/2020	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA9189080	7/2020	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	R93A86875		
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			
Tracers	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI	☐ Ice			
Phytoplankton	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

WIN ID/Field ID: 20030792

DEER CR @ TALLEYRAND AVE

Signature: [Signature] Date: 10/15/2019

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

Greenfield end of Buccaneer dr.

January 2019

Data Qualified?

Yes / No

WIN Station Name: Greenfield Cr @ end of Buccaneer Dr.

Date: 10/15/19
(mm/dd/yyyy)

WIN/ Field ID: G2NE1154

WBID: 2240A

Latitude: 30.36191

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: -81.4630

(Decimal Degrees)

Receiving Body of Water: ICW

RQ-2019- 10-14-12

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Parrish K. Appleby		☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
							☐ Carboy	☐ Syringe			
							☐ Dipper	☐ Other			
Depth Measured with <u>well</u>							Equipment ID <u>ortho 44</u>				
Collection Method											
☐ Wading							☐ Canoe/Kayak				
☐ From Shore							☐ Electric Motor				
☒ Other <u>Rock</u>							☐ Gasoline Motor				
Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded							Meter ID# <u>DBSI 1</u>		Matrix: Fresh <u>(Marine)</u> / DI		
Photos: <u>Yes</u> / No		Flow: No Flow / Intertidal / <u>Flowing</u> / NA		Tide: Rising/Falling/Slack/NA		Tide Times: <u>High</u> <u>1040</u> 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	1225	3.4	0.3	1.0	5.66	80.7	7.65	24.52	38.62	26.4	
CEN			2.9		5.65	80.7	7.69	24.70	38.88	26.5	
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	<u>SA9129100</u>	<u>4/20</u>	☒ <2		
Metals	☒ W-ICP / ☒ W-ICP					☐ Ice ☐ HNO3	<u>44-90</u>		☐ <2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>R9BPA8682</u>				
Chlorophyll	☒ CHL-SUITE-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 ☐ W-E8321-MS ☐ W-CARB-AA					☐ Ice					
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice					

Notes:

WIN ID/Field ID:



G2NE1154

Greenfield end of Buccaneer dr.

Signature: Jerry Parrish

Date: 10/15/19

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)

QA/QC Sample Info
Duplicate

Field ID:

WIN ID:



G2NE1159DUP



G2NE1159

Duplicate Blockhouse 100m abv Irma rd.

Time Zone: EST CEN Time: 1030

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 ₂ SO ₄	SA9129100	5/2020	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA8344050	12/2019	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R9BA86875		
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			

Contains: 1:1 HNO₃
Lot No.: NA8344050
Expires: 12/10/19
See Safety Data Sheet (SDS)

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

Contains: 1:1 HNO₃
Lot No.: NA8344050
Expires: 12/10/19
See Safety Data Sheet (SDS)

Contains: 1:1 HNO₃
Lot No.: NA8344050
Expires: 12/10/19
See Safety Data Sheet (SDS)

Blank

Time Zone: EST CEN Time: 1050 Field ID: SMPFB101419
(Blank Type_DDDMMYYYY)

DI Source: NE ROC Lab Location: Blockhouse 100m abv Irma Rd.
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: Ortho R.T #44

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 ₂ SO ₄	SA9129100	5/2020	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA9099030	4/2020	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R9BA86875		
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			

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

Contains: 1:1 HNO₃
Lot No.: NA8099030
Expires: 04/09/20
See Safety Data Sheet (SDS)

Contains: 1:1 HNO₃
Lot No.: NA8099030
Expires: 04/09/20
See Safety Data Sheet (SDS)

Contains: 1:1 HNO₃
Lot No.: NA8099030
Expires: 04/09/20
See Safety Data Sheet (SDS)

Notes:

Field ID:



SMPFB101419

Location: Field blank at Blockhouse 100 abv Irma

Signature:

[Handwritten Signature]

Date:

10/15/2019

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)

(Initials/Date)

LSJR Coast/Downtown

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: Kimberly Appleby

Project ID: SMP

Collected By: J. Parrish + K. Appleby

Sampling Agency: FDEP NE ROL

Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/15/2019 Time 1025	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID		G2NE1159		Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 4.34	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/ST		Blockhouse 100m abv Irma rd.		Temp (C) 23.7	pH 6.31	Sample Depth 0.12	Sp. Conductance (umho/cm) 235.1	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.11	Comments			
Locatio	Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/15/2019 Time 1030	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID	WIN ID:	G2NE1159DUP		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/ST		Duplicate Blockhouse 100m abv Irma rd.		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Locati	Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/15/2019 Time 1050	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field I		SMPFB101419		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	D
WIN/S		Location: Field blank at Blockhouse 100 abv Irma		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Locati	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/15/2019 Time 1405	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field I		20030792		Matrix (type, e.g., Salt, Fresh, etc) Salt	Diss. Oxygen 1.15	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/		DEER CR @ TALLEYRAND AVE		Temp (C) 25.1	pH 6.91	Sample Depth 0.25	Sp. Conductance (umho/cm) 6914	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 3.83	Comments			

Relinquished By: K. Appleby	Date/Time: 10/15/19	Shipping Method: Fed Ex N/A	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Alicia Hague

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WG-THI P-250ML-WG-THI	# of Bottles: 2 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1 → Sent to ALS</u>
	NE-ALS-ENQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	PCR-HF183						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ALKALINITY TURBIDITY W-BR-IC W-F W-SO4-IC W-TSS						

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. ParrishField Report Prepared By: Kimberly ApplebyCollected By: J. Parrish + K. ApplebySampling Agency: FDEP NE ROL

Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>10/15/2019</u> Time <u>1225</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	G2NE1154		Matrix (type, e.g., Salt, Fresh, etc) <u>1st Salt</u>		Diss. Oxygen <u>5.66</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STOR	Greenfield end of Bucaneer dr.		Temp (C) <u>26.4</u>	pH <u>7.65</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>38,624</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>24.52</u>	Comments			B
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			
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			
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			
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: <u>Alicia Hogue</u>	Date/Time <u>10/16/19</u>	Shipping Method <u>N/A</u>	Number of Coolers Shipped: <u>2</u>	Received By:	Date/Time
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★ Shipped ^{next day} ~~as a~~ W-P04-F to be received - JP see note -
 \$ for on 10/16 - 10/17

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ENQ					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-HF183					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
Group: A	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 W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-BR-IC W-F W-SO4-IC W-TSS					

Group: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W					
Group: B	Bottle Type: P-120ML-WC-TH ^{KA} P-250ML-WL-TH1	# of Bottles: 2 ^{KA} 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
NE-ALS-ENQ					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
PCR-BACR PCR-HF183 <i>* Will you add DG3 pwa added after - gp</i>					
Group: B	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI W-E8321-MS					
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 <i>did not ship on 10/15</i>
W-PO4-F <i>* shipped on 10/16</i>					
Group: C	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: 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-120ML-WC-TH ^{KA} P-250ML-WL-TH1	# of Bottles: 2 ^{KA} 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 <i>→ Sent to ALS</i>
NE-ALS-ECQ					
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	

Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	PCR-BACR				
	PCR-HF183				
Group: C	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI				
	W-E8321-MS				
Group: C	Bottle Type: P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP				
	W-ICPMS				
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-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: D	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI				
	W-E8321-MS				
Group: D	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP				
	W-ICPMS				
Group: D	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
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W-NH3
W-NO2NO3
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	<u>1</u>
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W-PO4-F

