



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Olustee @ SR-18

Date: 3/12/2018

WIN/ Field ID: 21030071

WBID: 3504A

Latitude: 29.95092

(mm/dd/yyyy)

County: Columbia

ORG ID: 21FLA

Longitude: 82.53034

(Decimal Degrees)

Receiving Body of Water: Santa Fe River

RQ-2018- 03-05-21

(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
J Parnish B Puvlis						X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole			
											☐ Carboy	☐ Syringe	☐ Dipper	☐ Other		
Depth Measured with <u>YSI T</u>						Equipment ID <u>026061 #3</u>					Collection Method					
						X	X	X	X	X	☒ Wading	☐ Canoe/Kayak	☐ Electric Motor			
											☐ From Shore	☐ Gasoline Motor	☐ Other			
Water Level: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded						Meter ID# <u>YSI T</u>					Matrix: <u>Fresh</u> / Marine / DI					
Photos: Yes <u>No</u>						Flow: No Flow / Interstitial / Flowing / NA					Tide: Rising/ Falling/ Slack/ NA			Tide Times: High <u>Low</u>		
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	945	0.5	0.3	0.3	2.6	25.5	6.22	0.04	90	14.6						
CEN																
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>7093010</u>	<u>4/5/18</u>	☒ <2							
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3	<u>7261120</u>	<u>9/18/18</u>	☒ <2							
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice	<u>RAKA12512</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-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-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice										
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA <u>8327</u>					☒ Ice										
Pesticides	☒ W-PSNP-TQ ☒ W-UHERB-AA ☒ W-AHERB-AA ☒ W-CARB-AA ☒ W-PCL-SQ-R ☒ W-PYR-AA-R ☒ W-GLYPH ☒ W-SUC-AA-R					☒ Ice ☐ Other <u>carbamate acetic acid</u>										

Notes:

WIN / Field ID:



21030071

OLUSTEE CREEK AT SR-18

Signature: [Signature]

Date: 3/12/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 3/12/18

QC Station ID, Field Parameters In LIMS DMT: 57 3/23/18

Scan/Save Field Sheets 57 3/23/18

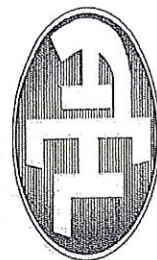
Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



Advanced
Environmental Laboratories, Inc.

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☒ Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
☒ Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
☒ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP-NE ROC

Project Name: State Fe SCT

Address: 8800 Baymeadows Way W

P.O. Number of Project Number: RQ-2018-03-05-21

Phone: 904-256-1541

FDEP Facility No:

FAX: Please email results

Project Address:

Contact: Nicole Frederick

Special Instructions:

Sampled By: Dep-Overlornico@dep.state.fl.us

PO# B1696A

Turn Around Time: ☒ STANDARD ☐ RUSH

Page: 1 of 1

☐ ADAPT ☐ EQUIS ☐ Other

ANALYSIS REQUIRED

E.coli

SAMPLE ID

SAMPLE DESCRIPTION

Grab Comp

DATE

TIME

MATRIX

NO. COUNT

PRESERVATION

LABORATORY I.D. NUMBER

23030018	23030018-BV	Grab	3/14/18	1120	SW	1	1	
21030071		Grab	3/14/18	940		1	1	
23020032		Grab	3/14/18	1200		1	1	

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge

Received on ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank

DCN: AD-051 Form last revised 04/30/2015

Requisitioned by: Date Time Received by: Date Time

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: 11-11-12 T: 10A A: 3A M: 3A S: 1V

FOR DRINKING WATER USE:

PWS ID:

Contact Person:

Supplier of Water:

Site Address:

Phone:

Central Laboratory Submittal Form

Customer: NE-DIST
Project ID: SMPRequester: Jeremy M. Parrish
Collection By: Jeremy ParrishField Report Prepared By: Jeremy Parrish
Sampling Agency: FDL EPN

Location	WIN / Field ID:			21030071		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)							(See pg 2)
WIN/STORE		OLUSTEE CREEK AT SR-18				Temp (C)		14.6					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.04	Comments							
Location	WIN / Field ID:			23020018		☒ Comp ☐ Grab		Collection (comp begin or grab)	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)							
WIN/STC		LITTLE WACASASSAA @ CR 339				Temp (C)		16.4					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments							
Location	WIN / Field ID:			23020032		☒ Comp ☐ Grab		Collection (comp begin or grab)	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)							
WIN/STC		LITTLE WACASASSAA River 0.5 Mile Down from Blue Springs				Temp (C)		20.17					
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.1	Comments							
Location						☐ Comp ☐ Grab		Collection (comp begin or grab)	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)							
WIN/STORE #						Temp (C)							
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)		Comments							
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:		Received By:	Date/Time							
<u>gflmn</u>	3/12/18	1700 FedEx	3										

Group: A	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: A	Bottle Type: BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W					
Group: A	Bottle Type: P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	NED-AEG-EC					
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: CH2ClCOOH Pre-Preserved		Enter Number of Bottles Sent to Lab	1
	W-CARB-AA					
Group: A	Bottle Type: BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-CT-CI-R					
	W-PCL-SQ-R					
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP					
	W-ICPMS					
Group: A	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: A	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: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: NED-AEG-EC	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to Aer
Group: C	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: MI-FW-QLDC	TEST HAS NO BOTTLE	# of Bottles: 7	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	4

Container ID: P-500ML

Qty: 2

Preservation: ICE And H2SO4

Lot # 66076302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2

Preservation: FILTER-ICE

Lot # 66069732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By:

Tyler

Number of Coolers:

3

Date:

02/22/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID sulfuric acid
ID _____
ID _____
ID _____
ID _____

Exp 12/07/18
Exp _____
Exp _____
Exp _____
Exp _____

Lot # 7341020
Lot # _____
Lot # _____
Lot # _____
Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-03-05-21

W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI

Qty: 2 Preservation: ICE

Lot # 61402-1

Description:

Analysis

NED-AEG-EC

Description

Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED

Container ID: QPCR-P-250ML

Qty: 4 Preservation: ICE

Lot # 00029545

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 0006

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00076302

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-WC-THI

Qty: 1 Preservation: ICE

Lot # 61802-1

Description:

Analysis

NED-AEG-EC

Description

Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 020070302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 020067732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 020067591

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00076302

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: FILTER-ICE

Lot # 00069732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 000697348

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00067597

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: P-120ML-WC-THI

Qty: 1 Preservation: ICE

Lot # 61702-1

Description:

Analysis

NED-AEG-EC

Description

Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED

Container ID: BG-1L

Qty: 1 Preservation: CH2CICOOH Pre-Preserved

Lot # 00069348

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 0806

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 0806

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00070307

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Cooler Packing Worksheet for Request: RQ-2018-03-05-21

Santa Fe

Ship Cooler On: 2/23/2018
Customer/Project: NE-DIST/SMP

Assigned To: REYNOLDS_T
Requester: Jeremy M. Parrish
Priority: 3

904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Comments:

Group A: Freshwater Kit With Metals and Pesticides

1 - case of sulfuric acid

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00067591

Description: Plastic Bottle 1L

Analysis

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

Description

Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry