



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Little Wacassassa @CR339 Date: 3/12/2018
(mm/dd/yyyy)
WIN/ Field ID: 23020018 WBID: 3747 Latitude: 29.47886
(Decimal Degrees)
County: Levy ORG ID: 21FLA Longitude: -82.68559
(Decimal Degrees)
Receiving Body of Water: Wacassassa RQ-2018- 03-05-21

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J Parish						X	X			
B Davis							X	X	X	

Sampling Equipment					
☒ Sample Container	☐ Van Dorn	☐ Pole			
☐ Carboy	☐ Syringe				
☐ Dipper	☐ Other				
Depth Measured with <u>YSI</u>					
Equipment ID <u>YSI 6000</u>					

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

Water Level: Dry / Pooled / <u>Low</u> / Normal / High / Flooded						Meter ID# <u>YSI</u>		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes / <u>No</u> Flow: No Flow / Interstitial / <u>Flowing</u> / NA						Tide: Rising / Falling / Slack / <u>NA</u>		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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	1120	0.1	0.09	0.15	3.4	35.0	5.62	0.03	55	16.4
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: LIMSH:										

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	7093010	4/3/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	7261120	9/18/18	☒ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 um Filter	☒ Ice	27KA12312		
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>W 8321</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			

Contains 1:1 Sulfuric Acid SA-7093010 EXP: 04/03/18 Warning See S

Contains 1:1 Nitric Acid NA-7261120 EXP: 09/18/18 See SDS

Notes:

WIN / Field ID:



23020018

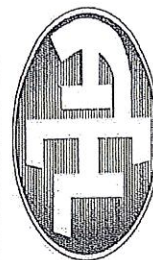
LITTLE WACASASSAA @ CR 339

Signature: [Signature]

Date: 3/12/18

Enter Field Parameters, Verify Station ID in LIMS DMT: [Signature] QC Station ID, Field Parameters in LIMS DMT: BD 3/23/18

Scan/Save Field Sheets BT 3/23/18 Migrate Data to WIN: [Signature] Verify Data in WIN: [Signature]



Advanced
Environmental Laboratories, Inc.

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☒ Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
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☒ 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	23030018-18	Grab	3/14/18	1120	SW	1	1	
21030071		Grab	3/14/18	940	SW	1	1	
23020032		Grab	3/14/18	1200	SW	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

FOR DRINKING WATER USE:

PWS ID:

Contact Person:

Phone:

Supplier of Water:

Site Address:

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Jeremy Parrish

Collection Date:

Sampling Agency: FIDEP NE

Location	WIN / Field ID:			21030071		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date	3/12/18	Time	945	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Fresh				Diss. Oxygen	2.6	☒ mg/L ☐ % sat	Total Res. Chlorine			(See pg 2)
WIN/STC	OLUSTEE CREEK AT SR-18					Temp (C)		14.6	pH	6.22	Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	90			4
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.04	Comments												
Location	WIN / Field ID:			23020018		☒ Comp ☐ Grab		Collection (comp begin or grab)	Date	3/12/18	Time	1120	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Fresh				Diss. Oxygen	3.4	☒ mg/L ☐ % sat	Total Res. Chlorine			C
WIN/STC	LITTLE WACASASSAA @ CR 339					Temp (C)		16.4	pH	5.62	Sample Depth	0.09	☒ ft ☐ m	Sp. Conductance (umho/cm)	55			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.03	Comments												
Location	WIN / Field ID:			23020032		☒ Comp ☐ Grab		Collection (comp begin or grab)	Date	3/12/18	Time	1200	Eastern	Central	Composite end	Date	Time	Bottle Group(s)
Field ID						Matrix (type, e.g., Salt, Fresh, etc)		Fresh				Diss. Oxygen	5.46	☒ mg/L ☐ % sat	Total Res. Chlorine			CD
WIN/STC	LITTLE WACASASSAA River 0.5 Mile Down from Blue Springs					Temp (C)		20.17	pH	7.44	Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	231			
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.1	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			
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	3/12/18	Shipping Method	Fedex	Number of Coolers Shipped:	3	Received By:	Date/Time										

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

Exp 12/07/18

Lot # 7341020

ID _____

Exp _____

Lot # _____

ID _____

Exp _____

Lot # _____

ID _____

Exp _____

Lot # _____

ID _____

Exp _____

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 # 61102-1

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