



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WATER QUALITY MONITORING PROGRAM FIELD SHEET

WIN / Field ID :



21020097

January 2018

Data Qualified?

Yes / No

Date: 4 / 18 / 2018
(mm/dd/yyyy)

PEACOCK LAKE CENTER

WBID: 3438A Latitude: 30.2357
(Decimal Degrees)County: Suwannee ORG ID: 21FLA Longitude: 82.8983
(Decimal Degrees)

Receiving Body of Water: Rocky Creek RQ-2018-04-16-10

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. Davis					☒	☒	☒	☒	☒
A. Kalmbacher					☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with 15' 4		
Equipment ID 0416044		

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

Water Level: Dry / Pooled / Low / Normal / High / Flooded Meter ID# 75174 Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Interstitial / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1245	3.0	0.3	0.5	9.89	112.3	8.38	0.03	58	21.7
CEN	1250		2.4		6.47	70.5	7.86	0.03	57	19.5

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	SA7341020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7EA12571		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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	☐ 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			

Notes:

Place Label Here

Signature: [Signature] Date: 4/18/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 4/23/18 QC Station ID, Field Parameters In LIMS DMT: 4/23/18

Scan/Save Field Sheets 4/23/18 Migrate Data to WIN: Verify Data In WIN:

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

Page 1 of 1

ALS Contact: Jerry Allen

Client Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
FDEP-NE ROC		RQ-2018-04-16-10		☐ Survival ☐ E. Coli ☐ Enterococci	
Report To		Report CC			
Dep-Overflowmicro@dep.state.fl.us		jerry.m.parrish@dep.state.fl.us			
Company/Address					
8800 Baymeadows Way W					
Jacksonville, FL 32256					
Phone #	FAX #				
904-256-1541					
Sampler's Signature	Sampler's Printed Name				
<i>Amy Kelmhachler</i>	Amy Kelmhachler				
CIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	MATRIX	NUMBER OF CONTAINERS
21020136		4-18-18	10:40	SW	1
21010016			11:40		1
21020097			12:45		1
Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us					
Relinquished By		Received By		Relinquished By	
Signature		Signature		Signature	
<i>Amy Kelmhachler</i>		<i>EL B...</i>		<i>D.O.C.</i>	
Printed Name		Printed Name		Printed Name	
Amy Kelmhachler		AMYA BACWELL			
Firm		Firm		Firm	
FDEP		ALS			
Date/Time		Date/Time		Date/Time	
4-18-2018		4.18.18 2:40P			
1440					
TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION	
☒ RUSH (SURCHARGES APPLY) ☐ STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE		I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No		P.O. # B10739 Bill to:	
Signature		Signature		Signature	
Relinquished By		Received By		Relinquished By	
Signature		Signature		Signature	
Printed Name		Printed Name		Printed Name	
Firm		Firm		Firm	
Date/Time		Date/Time		Date/Time	
PRESERVATIVE KEY 0. None 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other ICE					
REMARKS					

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: A. Kelmbacher

Collected By: A. Kelmbacher

Sampling Agency: FDEP/NE ROC

WIN ID / Field ID :			21010016		ROCKY CR @ CR 136		Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-18-2018 Time 1140	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.27	pH 6.3	Temp (C) 16.0	Salinity (ppt) 0.03	Comments	Bottle Group(s) A
WIN / Field ID :			21020097		PEACOCK LAKE CENTER		Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-18-2018 Time 1245	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.8	pH 8.38	Temp (C) 21.7	Salinity (ppt) 0.03	Comments	Bottle Group(s) A
WIN ID / Field ID :			21020136		Jerry Branch @SE CR 25A		Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4-18-2018 Time 1040	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.15	pH 4.31	Temp (C) 15.0	Salinity (ppt) 0.02	Comments	Bottle Group(s) A
Location																				
Field ID																				
WIN/STORET #																				
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.02	Comments														
Temp (C)	15.0		pH	4.31		Sample Depth	0.05		Sp. Conductance (umho/cm)											
Salinity (ppt)	0.02		Comments																	
Collection (comp begin or grab)	Date 4-18-2018 Time 1040		Eastern Central	Composite end Date																
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen		mg/L Total Res. Chlorine																	
Temp (C)	15.0		pH	4.31		Sample Depth	0.05		Sp. Conductance (umho/cm)											
Salinity (ppt)	0.02		Comments																	
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:		Received By:		Date/Time													
A. Kelmbacher	4-18-2018	FedEx	1																	

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 <i>Sent to contract lab</i>
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: CHLSUITE-W	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0

Cooler Packing Worksheet for Request: RQ-2018-04-16-10

Suwannee North

Ship Cooler On: 4/6/2018

Customer/Project: NE-DIST/SMP

Assigned To: REAVES_S

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700
8800 Baymeadows Way West

Jacksonville, FL 32256-7577

Attn: Jeremy Parrish

Comments:

1 - case of sulfuric acid

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot #

00070681

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: 3 Preservation: ICE

Lot #

1220536

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WI-THI

Qty: 3 Preservation: ICE

Lot #

L15269

Description:

Analysis

Description

Container ID: P-500ML

Qty: 3

Preservation: ICE And H2SO4

Lot #

00070440

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: 3

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

Bottle Group: B# of Sites: 1

Container ID: P-1L

Qty: 1

Preservation: ICE

Lot #

00070681

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 #

1220536

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: ICE

Lot # 115269

Description:

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Overflow Laboratory for Northeast District

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 00070172

Description: 500ml Sterile Nalgene

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00070359

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: ICE And H2SO4

Lot # 00070440

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

Cooler Packed By: SR Number of Coolers: 2 Date: 4-3-18

Kit must also include:

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

If Preservation Included:

ID <u>Sulfuric Acid</u>	Exp <u>10-2-18</u>	Lot # <u>GA7275010</u>
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-04-16-10