Log-in Checklist

RQ-2019-08-05-90 Login Station ID: #4

Shipping Method: [FedEx] UPS | HD | Greyhound Date/Time of Receipt: 08/21/19 @ 10:00

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
1.8°C				16		X			4751 8782 2949

* HNO3 and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an **NCR**.

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No

**Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes ✓ No TR Init: Tyler R.

Chlorine detected? (One container checked per Field ID) Yes No Init: Tyler R.

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH≤ 2.0? Yes ✓ No NA Init: Tyler R.

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes No NA X Init: Tyler R

Coolers Unpacked/Checked by: Tyler Reynolds **Date:** 08/21/19 **NCRs (Y/N)?** N

Event ID: Alachua County August SMP NE-DIST-2019-08-21-01 (SMP) Date Received: 21-AUG-2019 10:00 **NCR #**

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Infrared Thermometer ID:	REC_04_2018 | EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV | EXP:05/15/2020
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 | EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 | EXP: 07/30/2021

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ No_X_

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ If no, were samples shipped on dry ice? Yes_____ No_____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

☐ Altamonte Springs: 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
☑ Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
☐ Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐ 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

G1906841

Client Name:	FDEP	Project Name:	Alachua County
Address:	8800 Baymeadows Way West	P.O. Number or Project Number:	~~2019-08-05-99~~ 2019-08-05-90
		FDEP Facility No:	
Phone:	904-256-1700	Project Address	
FAX:		Special Instructions:	
Contact:	Jeremy Parrish		
Sampled By:		Results to Dep-Overflowmicro@dep.state.fl.us Alachua County Sampling for FDEP	
Turn Around Time:	☐ STANDARD ☐ RUSH		
Page: ___ of ___		☐ ADaPT ☐ EQuIS ☐ Other	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	PRESERVATION	ANALYSIS REQUIRED: Ecoli	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
~~SW3504~~	GINE0916	G	8/20/19	1145	SW	1		1		001
~~SW3331~~	GINE0905	↓	↓	1240	↓	1		1		002
~~BIU441~~	GINE0904	↓	↓	1400	↓	1		1		003
~~SW3504dup~~	GINE0916dup	↓	↓	1145	↓	1		1		004

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☑ Where required, pH checked Temperature when received 3.5 (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A (G: LT-1) LT-2 T: 10A A: 3A M: 3A S: 1V

	Relinquished by:	Date	Time	Received by:	Date	Time
1	Natalie Volk	8/20/19	1435	[illegible]	8-2019	1437
2						
3						

FOR DRINKING WATER USE:

PWS ID: _____

Contact Person: _____ Phone: _____

Supplier of Water: _____

Friday, August 30, 2019 2:45:50 PM

Request Number: RQ-2019-08-05-90

Alachua County August SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: Efrain Tavarez

Field Report Prepared By:

Sampling Agency: ACEPD

WIN ID/Field ID: G1NE0916

Sweetwater Branch - N of SE 4th St

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/19 Time 1145	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 7.09	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C): 26.6	pH: 7.44	Sample Depth: 0.8	☒ ft ☐ m	Sp. Conductance (umho/cm): 280.2		
Salinity (ppt):	Comments:					

Location

WIN ID: G1NE0916

Sweetwater Branch N of SE 4th St

Field ID: G1NE0916DUP

☐ dms

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/19 Time 1145	~~Eastern~~ Central	Composite end Date	Time	Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: ~~7.17~~ 7.09	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C): ~~27.5~~ 26.6	pH: ~~7.60~~ 7.44	Sample Depth: ~~0.7~~	☒ ft ☐ m	Sp. Conductance (umho/cm): ~~550~~ 280.2		
Salinity (ppt):	Comments:					

Location

WIN ID/Field ID: G1NE0905

Sweetwater Branch - Upstream of SR 331

☐ dms

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/19 Time 1240	~~Eastern~~ Central	Composite end Date	Time	Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 7.17	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C): 27.5	pH: 7.60	Sample Depth: 0.7	☒ ft ☐ m	Sp. Conductance (umho/cm): 550		
Salinity (ppt):	Comments:					

WIN ID/Field ID: G1NE0904

Bivens Arm Lake - west of US 441, and south of SW 16th Street

☐ dms

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 8/20/19 Time 1400	~~Eastern~~ Central	Composite end Date	Time	Bottle Group(s)	
Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 10.57	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
Temp (C): 28.3	pH: 9.37	Sample Depth: 1	☒ ft ☐ m	Sp. Conductance (umho/cm): 168.7		
Salinity (ppt):	Comments:					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				Tyler Reynolds	08/21/19 @ 10:00

Request Number: RQ-2019-08-05-90

Alachua County August SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: Efrian Tavarez

Field Report Prepared By:

Sampling Agency: ACEPD

WIN ID/Field ID: G1NE0916

Sweetwater Branch - N of SE 4th St

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 8/20/19 Time 1016 ~~Eastern~~ Central | Composite end Date Time | Bottle Group(s) (See pg 2)

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.09 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 26.6 | pH 7.44 | Sample Depth 0.8 ☒ ft ☐ m | Sp. Conductance (umho/cm) 280.2

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

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Location

WIN ID: G1NE0916

Sweetwater Branch N of SE 4th St

Field ID: G1NE0916DUP

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 8/20/19 Time 1145 ~~Eastern~~ Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen ~~7.17~~ 7.09 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) ~~27.5~~ 26.6 | pH ~~7.60~~ 7.44 | Sample Depth ~~0.7~~ ☒ ft ☐ m | Sp. Conductance (umho/cm) ~~550~~ 280.2

☐ dms | ☐ dd ☐ dms | Salinity (ppt) | Comments

Location

WIN ID/Field ID: G1NE0905

Sweetwater Branch - Upstream of SR 331

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 8/20/19 Time 1240 ~~Eastern~~ Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.17 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.5 | pH 7.60 | Sample Depth 0.7 ☒ ft ☐ m | Sp. Conductance (umho/cm) 550

☐ dms | ☐ dd ☐ dms | Salinity (ppt) | Comments

WIN ID/Field ID: G1NE0904

Bivens Arm Lake - west of US 441, and south of SW 16th Street

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 8/20/19 Time 1400 ~~Eastern~~ Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 10.57 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.3 | pH 9.37 | Sample Depth 1 ☒ ft ☐ m | Sp. Conductance (umho/cm) 168.7

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				Tyler Reynolds	08/21/19 @ 10:00

Group: A	Bottle Type:	BP-1L	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	NED-AEG-EC						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	PCR-BACR PCR-DG3 PCR-HF183						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 15	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 15	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	4
	W-ICP W-ICPMS						

HNO3
LOT# NA9099030
EXP: 04/09/20

RQ-2019-08-05-90

Date of Request: 23-JUL-2019
Created By: PARRISH_J On: 23-JUL-2019
Modified By: JASROTIA_P On: 24-JUL-2019
Customer: NE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northeast District
Sampling Event: Alachua County August SMP

Send Coolers To:

Phone: 352-264-6833
Alachua County Environmental Protection Department
408 W. University Ave. Suite 106
Gainesville, FL 32601
Attn: Greg Owen

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: JASROTIA_P On: 24-JUL-2019
Biology Request Reviewed By: JASROTIA_P On: 24-JUL-2019
Sampling Kit Required: YES Ship on: 26-JUL-2019
Sampling Kit Shipped: YES On: 29-JUL-2019
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: YES
Date to Receive Samples: 05-AUG-2019
Received By:

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments: Group A: Chlorophyll, Metals, Tracers, Markers, Bacteria

NE-AEG-EC

Packing Notes:
1 - case of nitric acid/1 set of labels
2- extra coolers

Bottle Group A (Water) With 15 Samples:

Bottle Type: BP-1L Number of Bottles: 15 Preserved With: ICE
- CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 15 Preserved With: ICE
- NED-AEG-EC Template: DEFAULT (EPA 1603) E. coli by MF by AEL in Gainesville

Bottle Type: QPCR-P-500ML Number of Bottles: 15 Preserved With: ICE
- PCR-BACR Template: DEFAULT (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
- PCR-DG3 Template: DEFAULT (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
- PCR-HF183 Template: DEFAULT (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Type: BG-500ML Number of Bottles: 15 Preserved With: ICE
- W-E8321-DI Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
- W-E8321-MS Template: DEFAULT (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 15 Preserved With: HNO3
- W-ICP Template: (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

  Barium
  Calcium
  Iron
  Magnesium
  Potassium
  Sodium
  Zinc

Bottle Group A (Water) With 15 Samples:

Bottle Type: P-500ML Number of Bottles: 15 Preserved With: HNO3

W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

*Boron
Aluminum
Antimony
Arsenic
Cadmium
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.