Request Number: RQ-2017-02-06-17

Gainesville 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: J. Parrish

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP / NE ROC

Field ID: 20020109 02082017

Little Hatchett Creek @ SR 24

STORET: G1NE0083

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-8-2017 Time 0950	Eastern / Central	Composite end Date	Time	Bottle Group(s) (See pg 2)	A, B
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.36 ☒ mg/L 86 ☒ % sat		Total Res. Chlorine (mg/L)			
Temp (C) 16.5	pH 7.52	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 183			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.09	Comments Slightly turbid - recent rain			

Field ID: 21030089 02082017

Blues Creek @ NW 71st St., Gainesville

STORET: 21030089

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-8-2017 Time 1015	Eastern / Central	Composite end Date	Time	Bottle Group(s)	A, B
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.23 ☒ mg/L 83 ☒ % sat		Total Res. Chlorine (mg/L)			
Temp (C) 15.8	pH 7.27	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 240			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.11	Comments			

Field ID: G1NE0856 02082017

Tumblin Creek @ SW 14th

STORET: G1NE0856

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-8-2017 Time 1055	Eastern / Central	Composite end Date	Time	Bottle Group(s)	A, B
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.06 ☒ mg/L 95 ☒ % sat		Total Res. Chlorine (mg/L)			
Temp (C) 17.6	pH 7.96	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 207			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.10	Comments			

Field ID: G1NE0206 02082017

Lake Alice Outlet @ Gale Lemmeron Rd.

STORET: G3NE0010

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-8-2017 Time 1115	Eastern / Central	Composite end Date	Time	Bottle Group(s)	A, B
Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.77 ☒ mg/L 71 ☒ % sat		Total Res. Chlorine (mg/L)			
Temp (C) 17.6	pH 7.71	Sample Depth .20 ☐ ft ☒ m	Sp. Conductance (umho/cm) 182			
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.09	Comments Recent rain - water slightly turbid			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. Kalmbacher	2-8-2017	Fed Ex			02/09/17 10:05 am

* Storet # and Field Id # need to be switched on ALL Little Hatchett Creek Labels

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

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

Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

CHLSUITE-W

Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

NED-AEG-EC

Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8

PCR-FILTER

Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4

W-PO4-F

Group: A	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

W-SUC-AA-R
W-UHERB-AA

Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1

NED-AEG-EC

Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2

PCR-FILTER

Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1

W-SUC-AA-R

2017-02-06-LS ~~...~~ of the bottle shipped from previous day (2/1/17)

Request Number: RQ-2017-02-06-17

Gainesville 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: NE-DIST

Project ID: SMP

Requester: Nicole Frederick

Collected By: J. Parrish

Field Report Prepared By: A. Kalmbacher

Sampling Agency: FDEP / NE ROC

Field ID: G1NE0871 02082017

Hogtown Creek @ SW 20th Ave

STORET: G1NE0048

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2-8-2017 Time 1145	Eastern Central	Composite end Date Time			Bottle Group(s) (See pg 2): B
Matrix (type, e.g., Salt, Fresh, etc): Fresh (circled)		Diss. Oxygen 6.37 ☒ mg/L, 67 ☒ % sat		Total Res. Chlorine (mg/L)		
Temp (C) 17.3	pH 7.38	Sample Depth 0.2 ☐ ft ☒ m		Sp. Conductance (umho/cm) 216		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.10	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)	
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)	
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)	
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	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
A. Kalmbacher	2-8-2017	Fed Ex		[signature]	02/09/17 10:05am

Group:	Bottle Type:		# of Bottles:		Preservative:		Enter Number of Bottles Sent to Lab
A	P-1L		4		ICE		
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
A	BP-1L		4		ICE		
	CHLSUITE-W						
A	P-120ML-WC-THI		4		ICE		
	NED-AEG-EC						
A	QPCR-P-250ML		8		ICE		
	PCR-FILTER						
A	P-500ML		4		ICE And H2SO4		
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
A	P-125ML		4		ICE-FLTR		
	W-PO4-F						
A	BG-1L		4		ICE		
	W-SUC-AA-R W-UHERB-AA						
B	P-120ML-WC-THI		1		ICE		
	NED-AEG-EC						
B	QPCR-P-250ML		2		ICE		
	PCR-FILTER						
B	BG-1L		1		ICE		
	W-SUC-AA-R						

Group: B	Bottle Type: W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 1

RQ-2017-02-06-17

Date of Request: 29-DEC-2016
Created By: FREDERIC_N On: 29-DEC-2016
Modified By: MATTHEWS_D On: 17-JAN-2017
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: Gainesville 1

Send Coolers To:

Phone: 904-807-3300
8800 Baymeadows Way
Suite 100
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Send Final Report To:

8800 Baymeadows Way
Suite 100
Jacksonville, FL 32256-7577
Attn: Nicole Frederick

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 12-JAN-2017
Biology Request Reviewed By: MATTHEWS_D On: 17-JAN-2017
Sampling Kit Required: YES Ship on: 03-FEB-2017
Sampling Kit Shipped: YES On: 02-FEB-2017
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 06-FEB-2017
Received By:

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

Comments: Group A: Freshwater Kit, No Metals w/ bacteria; tracer/markers

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE	
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L	
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices	
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices	
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm	
Color (true)			
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)	
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices	
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices	
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices	
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE	
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry	
Bottle Type:	Number of Bottles: 4	Preserved With: ICE	
NED-AEG-EC	Template: DEFAULT	(EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED	
Bottle Type: QPCR-P-250ML	Number of Bottles: 8	Preserved With: ICE	
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis	
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: ICE And H2SO4	
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L	
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L	
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L	
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices	
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices	
Bottle Type: P-125ML	Number of Bottles: 4	Preserved With: ICE-FLTR	
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE	
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS	

Bottle Group A (Water) With 4 Samples:

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE

W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE

W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS

W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: Number of Bottles: 1 Preserved With: ICE

NED-AEG-EC Template: DEFAULT (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE

PCR-FILTER Template: DEFAULT (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

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

2017-02-06-17(31)
RQ- 2017-02-06-15(1)

Log-in Checklist

Shipping Method: Fedex

Date/Time of Receipt: 10:05 am 02/09/17

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	-1.1	14		✓			810392837148
Red	-0.8	18		✓			810392837148

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

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

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No____

CONTAINER CHECK

Evidence Tape on Bottles? Yes____ No ✓ **If yes, is it intact? Yes____ No____

**Caps on tight? Yes ✓ No____ **Containers intact? Yes ✓ No____

**Sufficient Sample Volume: Yes ✓ No____

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: MR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: MR

Coolers Unpacked/Checked by: MR **Date:** 02/09/17 **NCRs (Y/N)?** N

Event ID: NE-DIST-2017-02-09-02 **NCR #** ____

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	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

ENCORE SAMPLES

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

Were Encore samples received? Yes____ No__✓__

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ No_____

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: _____

Additional Comments: