FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-05-08-19

Page 1 of 3

Alligator Creek
Customer: WQ-ASSESS
Project ID: NWQI

Requester: Curtis Musson

Collected By: ~~Ben Raleys~~ DT Curtis Musson, Diana Turner

Field Report Prepared By: DT ~~Ben Raleys~~

Sampling Agency: FDEP

Location: Alligator Creek upstream of SR 273

STORET

Q3WA0005

Field ID: Alligator Creek upstream of SR 273 June 19, 2017

Q3WA0005_06192017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ DT 6/19/17 Time 9:40 AM	Eastern / Central	Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 6.08			A, B, C, D
Temp (C) 24.28	pH 6.58	Sample Depts (m) 0.15	Sp. Conductance (umho/cm) 56	
Salinity (ppt) 0.02	Comments			
Latitude (Decimal Degrees) 30.819		Longitude (Decimal Degrees) -85.5042		

QC - Duplicate

Location: Alligator Creek upstream of SR 273

STORET

Q3WA0005

Field ID: QC - Duplicate Alligator Creek upstream of SR 273 June 19, 2017

Q3WA0005_06192017D

☐ Comp ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ DT 6/19/17 Time 9:40 AM	Eastern / Central	Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 6.08			A, B, C
Temp (C) 24.28	pH 6.58	Sample Depts (m) 0.15	Sp. Conductance (umho/cm) 56	
Salinity (ppt) 0.02	Comments			
Latitude (Decimal Degrees) 30.819		Longitude (Decimal Degrees) -85.5042		

QC BLANK DI WATER

Field ID: QC - Blank DI Water Alligator Creek upstream of SR 273 June 19, 2017

Q3WA0005_06192017B

☐ Comp ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ DT 6/19/17 Time 9:26 AM	Eastern / Central	Collection (comp begin or grab) Date / Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)			~~A, B~~ B C
Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	
Salinity (ppt)	Comments			
Latitude (Decimal Degrees) 30.819		Longitude (Decimal Degrees) -85.5042		

6-19-17 per D. Turner

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
Diana Turner	DT 6/19/17 ~~5/10/17~~ 2:10 PM	4	ABB	6-19-17 / 14:10

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-05-08-19
Alligator Creek
Customer: WQ-ASSESS
Project ID: NWQI

Requester: Curtis Musson
Collected By: ~~Ben Raleys~~ Curtis Musson DT, Diana Turner DT

Field Report Prepared By: ~~Ben Raleys~~ DT
Sampling Agency: FDEP

Location: Little Alligator Creek at SR 273
STORET: Q3WA0006
Field ID: Little Alligator Creek at SR 273 June 19, 2017 Q3WA0006 06192017

☐ Comp / ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ 6/19/17 DT Time 10:10 AM (Eastern / Central)
Collection (comp end or grab)	Date Time
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 5.87
Temp (C) 25.70	pH 6.92
Sample Depts (m) 0.1	Sp. Conductance (umho/cm) 84
Salinity (ppt) 0.04	Comments
Latitude (Decimal Degrees) 30.88873	Longitude (Decimal Degrees) -85.46802
Bottle Group(s)	A, B, C, D

Location: Alligator Creek upstream of Bentley Rd.
STORET: Q3WA0004
Field ID: Alligator Creek upstream of Bentley Rd. June 19, 2017 Q3WA0004_06192017

☐ Comp / ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ 6/19/17 DT Time 10:40 AM (Eastern / Central)
Collection (comp end or grab)	Date Time
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 6.72
Temp (C) 24.47	pH 6.57
Sample Depts (m) 0.15	Sp. Conductance (umho/cm) 79
Salinity (ppt) 0.04	Comments
Latitude (Decimal Degrees) 30.8735	Longitude (Decimal Degrees) -85.4123
Bottle Group(s)	A, B, C, D

Location: Scurlock Creek at Pilgrim Rd
STORET: Q3WA0009
Field ID: Scurlock Creek at Pilgrim Rd June 19, 2017 Q3WA0009_06192017

☐ Comp / ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ 6/19/17 DT Time 11:00 AM (Eastern / Central)
Collection (comp end or grab)	Date Time
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 3.01
Temp (C) 24.30	pH 5.98
Sample Depts (m) 0.1	Sp. Conductance (umho/cm) 52
Salinity (ppt) 0.02	Comments
Latitude (Decimal Degrees) 30.8548	Longitude (Decimal Degrees) -85.4443
Bottle Group(s)	A, B, C, D

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
Diana Turner	6/19/17 2:10pm	4	ABD	6-19-17 / 14:10

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: 2017-05-08-19
Alligator Creek
Customer: WQ-ASSESS
Project ID: NWQI

Requester: Curtis Musson
Collected By: ~~Ben Rabon~~ DT Curtis Musson, Diana Turner

Field Report Prepared By: ~~Ben Rabon~~ DT
Sampling Agency: FDEP

Pine Barn Creek at ~~Woodrest~~ Woodrest Rd — STORET Q3WA0011

Field ID: ~~Pine Barn Creek~~ Woodrest Rd, June 19, 2017 — Q3WA0011_06192017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ 6/19/17 Time — Eastern / Central
Collection (comp begin or grab) Date — Time	Bottle Group(s): ~~A, B, C~~ D
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)
Temp (C)	pH
Sample Depts (m)	Sp. Conductance (umho/cm)
Salinity (ppt)	Comments
Latitude (Decimal Degrees)	Longitude (Decimal Degrees)

SAMPLE NOT COLLECTED

Unnamed Creek at Woodrest Rd — STORET Q3WA0010

Field ID: Unnamed Creek Woodrest Rd, June 19, 2017 — Q3WA0010_06192017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ 6/19/17 Time 11:40 AM — Eastern / Central
Collection (comp begin or grab) Date — Time	Bottle Group(s): A, B, C, D
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 5.60
Temp (C) 25.53	pH 5.96
Sample Depts (m) 0.1	Sp. Conductance (umho/cm) 56
Salinity (ppt) 0.02	Comments
Latitude (Decimal Degrees) 30.8069	Longitude (Decimal Degrees) -85.4607

Gilberts Mill Creek at Aycock Rd — STORET Q3WA0012

Field ID: Gilberts Mill Creek at Aycock Rd, June 19, 2017 — Q3WA0012_06192017

☐ Comp ☒ Grab	Collection (comp begin or grab) Date ~~5/10/17~~ 6/19/17 Time 12:10 PM — Eastern / Central
Collection (comp begin or grab) Date — Time	Bottle Group(s): A, B, C, D
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L) 5.36
Temp (C) 24.26	pH 5.44
Sample Depts (m) 0.1	Sp. Conductance (umho/cm) 33
Salinity (ppt) 0.01	Comments
Latitude (Decimal Degrees) 30.7965	Longitude (Decimal Degrees) -85.4401

Relinquished By:	Date/Time	Number of Coolers	Received By:	Date/Time
Diana Turner	6/19/17 2:10pm	4		06-19-17 14:10

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	8
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	8
	W-PO4-F						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	ECOLI-18QT						
Group: C	Bottle Type:	BG-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	8
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: D	Bottle Type:	QPCR-P-250ML	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab	12
	PCR-BACR PCR-FILTER						

RQ-2017-05-08-19

Date of Request: 03-APR-2017
Created By: MUSSON_C On: 03-APR-2017
Modified By: WATTS_J On: 15-MAY-2017
Customer: WQ-ASSESS
Project: NWQI
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Alligator Creek

Send Coolers To:

Phone: 850-245-8453
Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: curtis musson

Send Final Report To:

Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: curtis musson

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 17-APR-2017
Biology Request Reviewed By: MATTHEWS_D On: 20-APR-2017
Sampling Kit Required: YES Ship on: 05-MAY-2017
Sampling Kit Shipped: YES On: 04-MAY-2017
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 07-AUG-2017
Received By: SHAIK_A On: 19-JUN-2017

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

Comments:
Group A: Freshwater Nutrient Kit
Group B: E. Coli
Group C: Organics (Wastewater Tracers)
Group D: PCR (Wastewater Markers)

Packing Notes:
No FedEx labels needed. Samples will be dropped off

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L Number of Bottles: 9 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 Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
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: 9 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Bottle Type: P-500ML Number of Bottles: 9 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: 9 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 Group B (Water) With 9 Samples:

Bottle Type: Number of Bottles: 9 Preserved With: ICE

Bottle Group B (Water) With 9 Samples:

Bottle Type: Number of Bottles: 9 Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group C (Water) With 9 Samples:

Bottle Type: BG-1L Number of Bottles: 9 Preserved With: ICE

W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
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 Group D (Water) With 7 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 14 Preserved With: ICE

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes genetic marker with quantitative polymerase chain reaction
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.

Log-in Checklist

RQ- 2017-05-08-19

Shipping Method: H.D

Date/Time of Receipt: 06-19-17/14:10

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	
BLUE	2.1C	16		✓			
WHITE	1.4C	16		✓			
Red	1.8C	19		✓			
Red	3.3C	8		✓			

*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: J.D.

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

Coolers Unpacked/Checked by: [signature] Date: 06-19-17 NCRs (Y/N)? N

Event ID: Alligator Creek WQ-ASSESS-2017-06-19-01 (NWQI) Date Received: 19-JUN-2017 14:10

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: