FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET
April 2018

Data Qualified? Yes / No
pH

WIN Station Name: Gilberts Mill Creek at Woodrest Rd **Date:** 05/02/2018 (mm/dd/yyyy)

WIN ID/ Field ID G3WA0010 **WBID:** 262A **Latitude:** 30.8069

County: Jackson **ORG ID:** 21FLWQA **Longitude:** -85.4607 (Decimal Degrees)

Receiving Body of Water: Alligator Creek **RQ -** 2018-04-30-30 (Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
~~Curtis Musson~~ Ben Raleys		X		X	X		
Jason Stores	X		X				

Sampling Equipment
- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with: Secchi
- Equipment ID

Collection Method
- [ ] Wading [ ] Canoe/Kayak
- [X] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low/ ~~Normal~~/ High/ Flooded **Meter ID#** BIO #2 **Matrix:** ~~Fresh~~ / Marine / DI

Photos: ~~Yes~~ / No **Flow:** No Flow / Intestital / ~~Flowing~~ / NA **Tide:** Rising/ Falling/ Slack/ ~~NA~~ **Tide Times:** High NA Low NA (Bracket Sample Time)

Field Sample

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~~	1215	0.5	0.3	0.3	7.88	86.4	5.44	0.01	34	20.04
CEN	—		—	—	—	—	—	—	—	—

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	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4	SA 7233030	08/21/2018	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3	NA 7341010	12/07/2018	[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice	10827054		
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
Physical/Aggregate (Fresh)	[X] Alkalinity W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[X] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[X] E Coli [ ] F Coli [ ] Enterococci	[X] Ice			
Molecular	[ ] PCR-FILTER [X] PCR-HF183 [X] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[X] Ice			
Tracers	[X] W-E3821-MS [X] W-E32821-DI	[X] Ice			
Pesticides	[ ] W-PSNP-TQ [X] W-E3821-MS [ ] W-CT-CL-R [ ] W-PCL-SQ-R [X] W-E3821-DI [ ] W-CARB-AA	[X] Ice [ ] Other			

Contains 1:1 Sulfuric Acid
Lot No.: SA7233030
Expires: 08/21/18
See Safety Data Sheet (SDS)

Place Preserv (I

SULFURIC ACID <51% DANGER 7664-93-9 7722-84-1

Contains 1:1 Sulfuric Acid

THERMO FISHER SCIENTIFIC 5225 NW 84th AVENUE MIAMI, OK 74354 1-888-898-2711

May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fume/mist/vapor/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in corrosive resistant container with a resistant inner liner.

QA/QC Sample Information

Duplicate

Time Zone: ~~EST~~ CEN **Time:** 930 **Field ID:** _____ (WIN ID + DUP)

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H_2SO_4			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W	☐ Ice	Place Preservative Sticker(s) Here (If Available)		
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			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice ☐ Other			

Blank

Time Zone: ~~EST~~ CEN **Time:** 945 **Field ID:** BLANK_05022018 (Blank_DDMMYYY)

DI Source: Lab **Location:** Alligator Creek upstream of SR 273

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** _____

WIN DMT Blank Batch ID:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H_2SO_4	SA 7233030	08/21/2018	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3	NA 7341010	12/07/2018	☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	10827057		
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			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			

Notes:
Kit-A
Bact
Tracers
PCR-HF183
BacR
Pictures

WIN ID / Field ID
Gilberts Mill Creek at Woodrest Rd
Q3WA0010

Signature: [signature] **Date:** 5/2/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: ~~MK~~ 5/9/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: CM 5-9-18 (Initials/Date)

Scan/Save Field Sheets: CM 5-9-18 (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page

pH

Meter ID: Biology #2 RQ- 2018-04-30-30 Project: NWQI

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification _____

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	5/2/18	7:09	21.98	8.76	8.75	100.1	49.2	–	(P) / F	(L) / F
ICV	Ben Ralys	5/2/18	7:11	21.99	8.76	8.76	100.1	49.2		(P) / F	(L) / F
CCV	Jason Sparrs	5/2/18	1535	22.41	8.677	8.92	102.7	50.2	–	(P) / F	L / F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15; DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	5/2/18	7:14	171005D	10/2018	1,000	1,000	(P) / F	(L) / F
ICV	Ben Ralys	5/2/18	7:15	171005D	10/2018	1,000	1,001	(P) / F	(L) / F
CCV	Jason Sparrs	5/2/18	1515	180326A	04/2019	100	101	(P) / F	(L) / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	5/2/18	7:17	171005B	4/2019	7.0	6.99	-3.5	(P) / F	(L) / F
Calibr.	Ben Ralys	5/2/18	7:18	171005A	10/2018	4.0	4.00	172.0	(P) / F	(L) / F
Calibr.	Ben Ralys	5/2/18	7:20	171005C	4/2019	10.0	9.96	-167.0	(P) / F	(L) / F
ICV	Ben Ralys	5/2/18	7:22	171005C	4/2019	10.0	9.95	-166.7	(P) / F	(L) / F
CCV	Jason Sparrs	5/2/18	1520	171005A	10/2018	4.0	3.30	211.1	P / (F)	(L) / F
CCV	Jason Sparrs	5/2/18	1530	171005B	4/2019	7.0	6.27	41.1	P / (F)	(L) / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

Request Number: RQ-2018-04-30-30

Alligator Creek, Minnow Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Jason Storrs, Ben Rabs

Field Report Prepared By: Storrs

Sampling Agency: FDEP

Location: Alligator Creek upstream of SR 27.3

Field ID / WIN/STORET #: G3WA0005

- ☐ Comp ☒ Grab
- Collection (comp begin or grab) Date 5/2/18 Time 930 (Eastern / Central)
- Composite end Date — Time —
- Bottle Group(s) (See pg 2): A, B, C
- Matrix (type, e.g., Salt, Fresh, etc): Fresh
- Diss. Oxygen 60.0 ☐ mg/L ☒ % sat
- Total Res. Chlorine (mg/L) —
- Temp (C) 19.33
- pH 5.36
- Sample Depth 0.3 ☐ ft ☒ m
- Sp. Conductance (umho/cm) 43
- Salinity (ppt) 0.02
- Comments
- Latitude 30.819 ☒ dd ☐ dms
- Longitude -85.5042 ☒ dd ☐ dms

Location: Field Blank

Field ID / WIN/STORET #: Field ID → Blank_05022018

- ☐ Comp ☒ Grab
- Collection (comp begin or grab) Date 5/2/18 Time 945 (Eastern / Central)
- Composite end Date — Time —
- Bottle Group(s): D
- Matrix (type, e.g., Salt, Fresh, etc): Fresh
- Diss. Oxygen ☐ mg/L ☒ % sat
- Total Res. Chlorine (mg/L) —
- Temp (C)
- pH
- Sample Depth ☐ ft ☒ m
- Sp. Conductance (umho/cm)
- Salinity (ppt)
- Comments: collected at Alligator Creek G3WA0005
- Latitude 30.819 ☒ dd ☐ dms
- Longitude -85.5042 ☒ dd ☐ dms

Location: Alligator Creek upstream of SR 27.3

Field ID / WIN/STORET #: QC DUP G3WA0005

- ☐ Comp ☒ Grab
- Collection (comp begin or grab) Date 5/2/18 Time 930 (Eastern / Central)
- Composite end Date — Time —
- Bottle Group(s): A, B
- Matrix (type, e.g., Salt, Fresh, etc): Fresh
- Diss. Oxygen 60.0 ☐ mg/L ☒ % sat
- Total Res. Chlorine (mg/L) —
- Temp (C) 19.33
- pH 5.36
- Sample Depth 0.3 ☐ ft ☒ m
- Sp. Conductance (umho/cm) 43
- Salinity (ppt) 0.02
- Comments: QA/QC Duplicate
- Latitude 30.819 ☒ dd ☐ dms
- Longitude -85.5042 ☒ dd ☐ dms

Location: Alligator Creek upstream of SR 27.3

Field ID / WIN/STORET #: QC DUP G3WA0005_DUP

- ☐ Comp ☐ Grab
- Collection (comp begin or grab) Date Time (Eastern / Central)
- Composite end Date Time
- Bottle Group(s)
- Matrix (type, e.g., Salt, Fresh, etc)
- Diss. Oxygen ☐ mg/L ☐ % sat
- Total Res. Chlorine (mg/L)
- Temp (C)
- pH
- Sample Depth ☐ ft ☐ m
- Sp. Conductance (umho/cm)
- Salinity (ppt)
- Comments: QA/QC Duplicate ↑↑↑
- Latitude 30.819 ☒ dd ☐ dms
- Longitude -85.5042 ☒ dd ☐ dms

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	5/2/18 1400	Drop off		[signature]	5-2-18 / 1400

Request Number: RQ-2018-04-30-30

Alligator Creek, Minnow Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Ben Rabys, Jason Storrs

Field Report Prepared By: Ben Rabys, Jason Storrs

Sampling Agency: FDEP

Location / Field ID / WIN/STORET #: Minnow Creek At Lovewood Rd — WIN ID / Field ID: G3WA0008

Latitude: 30.83682 ☒dd ☐dms | Longitude: -85.52943 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 5/2/18 Time: 1015 (Eastern / Central) | Composite end Date: — Time: —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 79.4 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 18.68 | pH: 6.09 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 417

Salinity (ppt): 0.02 | Comments:

Bottle Group(s) (See pg 2): A

Location / Field ID / WIN/STORET #: Little Alligator Creek at SR 273 — WIN ID / Field ID: G3WA0006

Latitude: 30.88873 ☒dd ☐dms | Longitude: -85.46802 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 5/2/18 Time: 1030 (Eastern / Central) | Composite end Date: — Time: —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 80.2 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 20.06 | pH: 6.71 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 83

Salinity (ppt): 0.04 | Comments:

Bottle Group(s): A, B

Location / Field ID / WIN/STORET #: Location: Alligator Creek upstream of Bentley Rd. — WIN ID / Field ID: G3WA0004

Latitude: 30.8735 ☒dd ☐dms | Longitude: -85.4723 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 5/2/18 Time: 1100 (Eastern / Central) | Composite end Date: — Time: —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 71.1 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 18.23 | pH: 6.12 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 70

Salinity (ppt): 0.03 | Comments:

Bottle Group(s): A, B

Location / Field ID / WIN/STORET #: Scurlock Creek at Pilgrim Rd — WIN ID / Field ID: G3WA0009

Latitude: 30.8545 ☒dd ☐dms | Longitude: -85.4443 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 5/2/18 Time: 1130 (Eastern / Central) | Composite end Date: — Time: —

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: ~~14.68~~ 49.3 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 19.03 | pH: 6.43 | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): 97

Salinity (ppt): 0.04 | Comments:

Bottle Group(s): A, B

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	5/2/18 1400	Dept			5-2-18 1414

Request Number: RQ-2018-04-30-30

Alligator Creek, Minnow Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Ben Raley, Jason Storrs

Field Report Prepared By: Ben Raley, Jason Storrs

Sampling Agency: FDEP

Location: Pine Barn Creek at Woodrest Rd
Field ID / WIN/STORET #: WIN ID / Field ID Q3WA0011
Latitude: 30.8358 ☒ dd ☐ dms **Longitude:** -85.4488 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 5/2/18 Time | Eastern Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A, B

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

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

Salinity (ppt) | Comments: NOT SAMPLED NO FLOW

Location: Gilberts Mill Creek at Woodrest Rd
Field ID / WIN/STORET #: WIN ID / Field ID Q3WA0010
Latitude: 30.8069 ☒ dd ☐ dms **Longitude:** -85.4607 ☒ dd ☐ dms

☒ Comp ☒ Grab | Collection (comp begin or grab) Date 5/2/18 Time 1215 | Eastern Central | Composite end Date — Time — | Bottle Group(s): A, B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 86.4 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 20.04 | pH 5.44 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 34

Salinity (ppt) 0.01 | Comments

Location: Unnamed Creek at Palmview Rd
Field ID / WIN/STORET #: WIN ID / Field ID Q3WA0013
Latitude: ☒ dd ☐ dms **Longitude:** ☒ dd ☐ dms

☒ Comp ☒ Grab | Collection (comp begin or grab) Date 5/2/18 Time 1155 | Eastern Central | Composite end Date — Time — | Bottle Group(s): A, B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 68.8 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 19.43 | pH 5.60 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 35

Salinity (ppt) 0.02 | Comments

Location:
Field ID / WIN/STORET #:
Latitude: ☐ dd ☐ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern Central | Composite end Date Time | Bottle Group(s)

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

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	5/2/18 1400	Drop off		[signature]	5-2-18 1450

Group: C	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-E8321-DI W-E8321-MS						
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-ICP W-ICPMS	Nitric Acid Lot NA-7341010 Exp 12/7/18					
Group: C	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-PSNP-TQ						
Group: D	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: D	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
	CHLSUITE-W						
Group: D	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS						
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	0
	W-ICP W-ICPMS						
Group: D	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	Sulfuric Acid Lot SA 7233030 Exp 8/21/18					
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						

Cooler Packing Worksheet for Request: RQ-2018-04-30-30
Alligator Creek, Minnow Creek
Ship Cooler On: 4/20/2018
Customer/Project: WAS-SECT/SMP

Assigned To: GREENWOO_J
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:
No preservatives needed.

Group A: Freshwater Kit, E.coli
Group B: Tracers, Markers
Group C: Pesticides, Metals
Group D: Field Blank: Kit, Metals, Tracers

Packing Notes:
No FedEx Labels
5 - liters DI Water
No trash bags

Extra LC QC bottles in B, C and D

Requested Analyses:

Bottle Group: A **# of Sites: 9**

Container ID: P-1L **Qty: 9** **Preservation: ICE** **Lot #** 00070681

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
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: 9** **Preservation: ICE** **Lot #** 1223623

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI **Qty: 9** **Preservation: ICE** **Lot #** L17167

Description:

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML **Qty: 9** **Preservation: ICE And H2SO4** **Lot #** 00070631

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 9** **Preservation: FILTER-ICE** **Lot #** 00070886

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B # of Sites: 8

Container ID: QPCR-P-500ML **Qty: 8** **Preservation: ICE** **Lot #** 00070172

Description: 500ml Sterile Nalgene

Analysis	Description
PCR-BACR	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-HF183	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML **Qty: 9** **Preservation: ICE** **Lot #** 0070528

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: C # of Sites: 1

Container ID: BG-500ML **Qty: 1** **Preservation: CH2ClCOOH Pre-Preserved** **Lot #** 0068622

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-CARB-AA	Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML **Qty: 4** **Preservation: ICE** **Lot #** 0070528

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-CT-CI-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML **Qty: 2** **Preservation: ICE** **Lot #** 0070528

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML **Qty: 1** **Preservation: HNO3** **Lot #** 0070631

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: BG-1L **Qty: 4** **Preservation: ICE** **Lot #** 00069911

Description: Brown Glass Bottle 1L Affix BLUE dot to container.

Analysis	Description
W-PSNP-TQ	Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Group: D # of Sites: 1

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 00070681

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm
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: 1** **Preservation: ICE** **Lot #** 1223623

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

---

Container ID: BG-500ML **Qty: 2** **Preservation: ICE** **Lot #** 00070528

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML **Qty: 1** **Preservation: HNO3** **Lot #** 00070631

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description

W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** 00070631

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 1** **Preservation: FILTER-ICE** **Lot #** 00070886

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: J.Z. Number of Coolers: 6 Date: 4/17/18

Kit must also include:
- ___ Field Sheets
- ___ Temperature Control Bottle
- ___ FedEx Bills, if applicable
- ___ Plastic Bags
- ___ Zip Ties

If Preservation Included:

ID	MCAA Buffer Solution	Exp	1/10/19	Lot #	88817
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	

PLEASE RETURN ALL COOLERS FOR RQ-2018-04-30-30