FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / (No)

WIN Station Name: Chicken Branch at Old Plank Rd **Date:** 2/14/2018 (mm/dd/yyyy)

WIN ID/ Field ID G1WA0031 **WBID:** 971 **Latitude:** 30.3261 (Decimal Degrees)

County: Leon **ORG ID:** 21FLWQA **Longitude:** -84.1481 (Decimal Degrees)

Receiving Body of Water: St. Marks River **RQ -** 2018-01-22-53

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Ben Ralys		X	X		X	NA	NA
Blake Spencer	X		X	X		NA	NA
Chris Mosson			X				

Sampling Equipment

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

Collection Method

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

Water Level: Dry/ Pooled/ Low/ (Normal)/ High/ Flooded

Meter ID# Biology #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. (C⁰)
(EST)	0800	0.5	0.3	VOB	5.48	55.7	7.3	0.15	322	16.3
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	SA7275010	10/2/19	[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <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	[X] PCR-FILTER [X] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[X] Ice			
Tracers	[X] W-SUC-AA-R [X] W-UHERB-AA [X] W-AHERB-AA	[X] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-AHERB-AA [ ] W-PYR-AA-R [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-UHERB-AA [ ] W-GLYPH [ ] W-SUC-AA-R	[ ] Ice [ ] Other			

QA/QC Sample Information

Duplicate

Time Zone: EST CEN **Time:** _____ **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-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: (EST) CEN **Time:** 1150 **Field ID:** Blank_02142018 (BLANK_DDMMYYYY)

DI Source: FDEP LAB, Tallahassee **Location:** G1WA0034

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment 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	727s010	10/2/18	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☐ Ice ☐ HNO_3	726l120	9/18/18	☒ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	10827054		
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-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Notes:

Kit-A, Bacteria
Tracers, Markers
(PCR-Filter & PCR-HF183)

Chicken Branch at Old Plank Rd

WIN ID / Field ID
G1WA0031

Signature: Ben R **Date:** 2/14/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JS 4.12.18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: CM 4.13.18 (Initials/Date)

Scan/Save Field Sheets _____ (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.

Meter ID: Biology #2 RQ- 2018-01-22-53 Project: SMP

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.	Blake Spencer	2/14/18	7:04	21.23	8.88	8.88	100.0	32.9	—	(P) / F	(L) F
ICV	Blake Spencer	2/14/18	0708	21.09	8.878	8.87	99.9	32.9	—	(P) / F	(L) / F
CCV	Blake Spencer	2/14/18	1524	21.70	8.794	9.07	103.1	33.9	—	(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.	Blake Spencer	2/14/18	0712	1710050	10/2018	1000	1000	(P) / F	(L) F
ICV	Blake Spencer	2/14/18	0714	1710050	10/2018	1000	999	(P) / F	(L) / F
CCV	Blake Spencer	2/14/18	1527	1710056	10/2018	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.	Blake Spencer	2/14/18	0717	1706148	12/2018	7.0	7.00	9.1	(P) / F	(L) F
Calibr.	Blake Spencer	2/14/18	0720	+90 1710054	10/2018	4.0	4.00	181.1	(P) / F	(L) F
Calibr.	Blake Spencer	2/14/18	0723	171005C	04/2019	10.0	10.00	-161.3	(P) / F	(L) F
ICV	Blake Spencer	2/14/18	0726	171005C	04/2019	10.00	10.00	-161.5	(P) / F	(L) F
CCV	Blake Spencer	2/14/18	1530	171005A	10/2018	4.00	3.99	182.1	(P) / F	(L) F
CCV									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-2018-01-22-53

Central, Godby, Harbinwood, Chicken, Megginness, Swamp, Salem, Wards

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Ben Reays, Blake Spencer

Field Report Prepared By: Blake Spencer

Sampling Agency: FDEP

Location: Swamp Creek upstream of Railroad
Field ID / WIN/STORET #: WIN ID / FILED ID G1WA0052

- Latitude: 30.663 (dd) — Longitude: -84.448 (dd)
- Comp ☐ / Grab ☒ — Collection (comp begin or grab) Date 2/14/18 Time 1049 — Eastern / Central
- Composite end Date / Time:
- Matrix (type, e.g., Salt, Fresh, etc): Fresh
- Diss. Oxygen: 81.3 — mg/L ☐ / % sat ☒
- Total Res. Chlorine (mg/L):
- Temp (C): 16.00
- pH: 6.86
- Sample Depth: 0.3 — ft ☐ / m ☒
- Sp. Conductance (umho/cm): 61
- Salinity (ppt): 0.03
- Comments:
- Bottle Group(s) (See pg 2): A, C

Location: Harbinwood Estates Drain
Field ID / WIN/STORET #: WIN ID/Filed ID G1WA0034

- Latitude: 30.5193 (dd) — Longitude: -84.3357 (dd)
- Comp ☐ / Grab ☒ — Collection (comp begin or grab) Date 2/14/18 Time 1210 — Eastern / Central
- Composite end Date / Time:
- Matrix (type, e.g., Salt, Fresh, etc): Fresh
- Diss. Oxygen: 97.8 — mg/L ☐ / % sat ☒
- Total Res. Chlorine (mg/L):
- Temp (C): 17.42
- pH: 7.85
- Sample Depth: 0.15 — ft ☐ / m ☒
- Sp. Conductance (umho/cm): 102
- Salinity (ppt): 0.05
- Comments:
- Bottle Group(s): A, B, C, D, E

Location: Megginnis Arm Run Downstream of Shared
Field ID / WIN/STORET #: WIN ID/Field ID G1WA0033

- Latitude: 30.4804 (dd) — Longitude: -84.2982 (dd)
- Comp ☐ / Grab ☒ — Collection (comp begin or grab) Date 2/14/18 Time 1249 — Eastern / Central
- Composite end Date / Time:
- Matrix (type, e.g., Salt, Fresh, etc): Fresh
- Diss. Oxygen: 110.5 — mg/L ☐ / % sat ☒
- Total Res. Chlorine (mg/L):
- Temp (C): 17.84
- pH: 7.52
- Sample Depth: 0.2 — ft ☐ / m ☒
- Sp. Conductance (umho/cm): 102
- Salinity (ppt):
- Comments:
- Bottle Group(s): A, C, D, E

Location: Field Blank
Field ID / WIN/STORET #: Filed ID Blank_02142018

- Latitude: 30.5193 (dd) — Longitude: -84.3357 (dd)
- Comp ☐ / Grab ☒ — Collection (comp begin or grab) Date 2/14/18 Time ~~1210~~ 1150 — Eastern / Central
- Composite end Date / Time:
- Matrix (type, e.g., Salt, Fresh, etc): DI
- Diss. Oxygen: — mg/L ☐ / % sat ☐
- Total Res. Chlorine (mg/L):
- Temp (C):
- pH:
- Sample Depth: — ft ☐ / m ☐
- Sp. Conductance (umho/cm):
- Salinity (ppt):
- Comments:
- Bottle Group(s): A, B, C, D

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Blake Spencer	2/14/18	Hand Delivered	5		2/14/18 1445

Request Number: RQ-2018-01-22-53

Central, Godby, Harbinwood, Chicken, Megginness, Swamp, Salem, Wards

Customer: WAS-SECT

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Requester: Curtis Musson

Collected By: Ben Ralys, Blake Spencer

Field Report Prepared By: Blake Spencer

Sampling Agency: FDEP

Location: Harbinwood Estates Drain — QC DUP — WIN ID G1WA0034

Field ID: Harbinwood Estates Drain QC DUP — Field ID G1WA0034_DUP

WIN/STORET #:

Latitude: ☐ dd ☑ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/14/18 Time 1210 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A, B, C, D, E

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 97.9 ☐ mg/L ☑ % sat | Total Res. Chlorine (mg/L):

Temp (C): 17.42 | pH: 7.85 | Sample Depth: 0.15 ☐ ft ☑ m | Sp. Conductance (umho/cm): 102

Salinity (ppt): 0.05 | 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:

Location:

Field ID: Wards Creek upstream of bridge at CR 259 — WIN ID/Field ID G1WA0002

WIN/STORET #:

Latitude: 30.605 ☑ dd ☐ dms **Longitude:** -83.893257 ☑ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/14/18 Time 1352 | Eastern / Central | Composite end Date Time | Bottle Group(s): A, C

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 27.0 ☐ mg/L ☑ % sat | Total Res. Chlorine (mg/L):

Temp (C): 16.85 | pH: 5.10 | Sample Depth: 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm): 40

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
Blake Spencer	2/14/18	Hand Delivered	5		2/14/18 1444

Request Number: RQ-2018-01-22-53

Central, Godby, Harbinwood, Chicken, Megginness, Swamp, Salem, Wards

Customer: WAS-SECT

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Requester: Curtis Musson

Collected By: Ben Ralys, Blake Spencer

Field Report Prepared By: Blake Spencer

Sampling Agency: FDEP

Location: Chicken Branch at Old Plank Rd
Field ID / WIN/STORET #: WIN ID / Field ID G1WA0031
Latitude 30.3261 ☒ dd ☐ dms | Longitude -84.1481 ☒ dd ☐ dms
☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/14/18 Time 0800 Eastern/Central | Composite end Date Time | Bottle Group(s) (See pg 2): A, C, D, F
Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 55.7 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)
Temp (C) 16.3 | pH 7.3 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 322
Salinity (ppt) 0.15 | Comments

Location: Central Drainage Ditch downstream of Orange Ave.
Field ID / WIN/STORET #: WIN ID / FIELD ID G1WA0026
Latitude 30.4095 ☒ dd ☐ dms | Longitude -84.3073 ☒ dd ☐ dms
☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/14/18 Time 0957 Eastern/Central | Composite end Date Time | Bottle Group(s): A, B, C, G
Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 98.5 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)
Temp (C) 17.12 | pH 8.27 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 155
Salinity (ppt) 0.07 | Comments

Location: Godby Drainage Ditch at Progress Dr.
Field ID / WIN/STORET #: WIN ID / Field ID G1WA0061
Latitude 30.444661 ☒ dd ☐ dms | Longitude -84.344711 ☒ dd ☐ dms
☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/14/18 Time 0939 Eastern/Central | Composite end Date Time | Bottle Group(s): A, C
Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 67.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)
Temp (C) 16.82 | pH 8.35 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 117
Salinity (ppt) 0.06 | Comments

Location: Salem Branch downstream of SR 159
Field ID / WIN/STORET #: WIN ID / Field ID G1WA0053
Latitude 30.63082 ☒ dd ☐ dms | Longitude -84.43155 ☒ dd ☐ dms
☐ Comp ☒ Grab | Collection (comp begin or grab) Date 2/14/18 Time 1021 Eastern/Central | Composite end Date Time | Bottle Group(s): C
Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 97.2 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)
Temp (C) 16.57 | pH 7.57 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 115
Salinity (ppt) 0.05 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Blake Spencer	2/14/18	Hand Delivered	5		2/14/18 1445

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	9
	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**	9
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	9
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	9
	W-PO4-F						
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	4
	W-ICP W-ICPMS						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 10	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	10
	ECOLI-18QT						
Group: D	Bottle Type:	BG-1L	# of Bottles: 7	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	5
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	6
	PCR-FILTER						
Group: F	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	PCR-FILTER PCR-HF183						

Group: G	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA						
	W-GLYPH						
	W-PYR-AA-R						
	W-SUC-AA-R						
	W-UHERB-AA						
Group: G	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	1
	W-CARB-AA						
Group: G	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-CT-CI-R						
	W-PCL-SQ-R						
Group: G	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-PSNP-TQ						

Cooler Packing Worksheet for Request: RQ-2018-01-22-53
Central, Godby, Harbinwood, Chicken, Megginness, Swamp, Salem, Wards
Ship Cooler On: 1/18/2018
Customer/Project: WAS-SECT/SMP

Assigned To: SHAIK_A
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,
Group B: Metals
Group C: E. coli
Group D: Tracers (Aherb Short list)
Group E: Markers (PCR-FILTER)
Group F: Markers (PCR-FILTER & PCR HF183)
Group G: Pesticides (AHERB Long List)

Packing Notes
No FedEx labels
No Trash Bags
1 copy of the CoC

Requested Analyses:

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

Container ID: P-1L **Qty: 9** **Preservation: ICE** **Lot #** 00070144

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 #** 1214297

Description: Brown Plastic Bottle 1L

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

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Container ID: P-500ML **Qty: 9** **Preservation: ICE And H2SO4** **Lot #** 0006738

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 #** 0009732

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: 4

Container ID: P-500ML **Qty: 4** **Preservation: HNO3** **Lot #** 0008054

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

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Bottle Group: C # of Sites: 10

Container ID: P-250ML-WO-THI **Qty: 10** **Preservation: ICE** **Lot #** L15260

Description:

Analysis	Description

Bottle Group: D # of Sites: 7

Container ID: BG-1L **Qty: 7** **Preservation: ICE** **Lot #** 0006905

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

Analysis	Description
W-AHERB-AA	Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: E # of Sites: 3

Container ID: QPCR-P-250ML **Qty: 6** **Preservation: ICE** **Lot #** 0006940

Description: 250ml Sterile Nalgene (2)

Analysis	Description
PCR-FILTER	Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group: F # of Sites: 4

Container ID: QPCR-P-250ML **Qty: 8** **Preservation: ICE** **Lot #** 0006940

Description: 250ml Sterile Nalgene (2)

Analysis	Description
PCR-FILTER	Preparation of Samples by Filtration and held for qPCR Analysis
PCR-HF183	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group: G # of Sites: 1

Container ID: BG-1L **Qty: 2** **Preservation: ICE** **Lot #** 0006934

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

Analysis	Description
W-AHERB-AA	Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-GLYPH	Glyphosate in water matrices by HPLC/MS/MS
W-PYR-AA-R	Pyraclostrobin in water matrices by HPLC/MS/MS
W-SUC-AA-R	Analysis of sucralose in water matrices by HPLC/MS/MS

W-UHERB-AA Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-1L **Qty: 1** **Preservation: CH2ClCOOH Pre-Preserved** **Lot #** 0006 9348

Description: Brown Glass Bottle 1L 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 #** 68845

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-1L **Qty: 4** **Preservation: ICE** **Lot #** 0006 9348

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

Cooler Packed By: ABF Number of Coolers: 4 Date: 1-22-18

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

If Preservation Included:

ID	MCAA BUFFER	Exp	2-1-19	Lot #	68579
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	

PLEASE RETURN ALL COOLERS FOR RQ-2018-01-22-53