



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF 10

Data Qualified?
Yes / No

Location/STORET Station Name: Sally Ward Spring at Wakulla Park Dr.

Date: 6/28/2017

STORET # G1WA0021

WBID: 1006Y

Latitude: 30.2414

(mm/dd/yyyy)

County: Wakulla

RQ - 2017-06-26-17

ORG ID: 21FLWQA

Longitude: -84.3109

(Decimal Degrees)

Receiving Body of Water: Wakulla River

Field ID: G1WA0021_06282017

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Ray Stuart		☒	☒	☒	☒	☒		
Diana Turner		☒	☒	☒	☒	☒		
		☐	☐	☐	☐	☐		
		☐	☐	☐	☐	☐		
		☐	☐	☐	☐	☐		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Equipment ID		

Collection Method		
☐ Wading	☒ Via Boat	
☐ From Shore	☒ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / ☒ High / Flooded	Matrix: ☒ Fresh / Marine / DI
Meter ID# Biology #2	Photos: Yes / ☒ No
	Tide Falling: Yes / No / ☒ NA

Field Sample

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	9:58	0.3	7.3	3.04	34.1	7.41	0.17	NOB	353	20.87
CEN		6.4	2.94		32.9	7.48	0.17		356	20.75

Biological Samples Collected: ☒ None	HA	SCI	RPS	Algae ID	LVS	LVI	Other
SBIO ID Numbers:	SBIO-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:			

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	7093010	4/3/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☐ 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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains 1:1 Sulfuric Acid SA-7093010 EXP: 04/03/18 Warning! See SDS

Alternative Sticker(s) Here (if Available)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
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 ☐ qPCR	☐ 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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: 8:25 AM		Field ID: G1WA0021_06282017		Location: Sand Pond	
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	7093010	4/3/18	☒ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)				
Chlorophyll	☒ CHLSUITE-W	☒ Ice					
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 ☐ qPCR	☐ 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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other					

Notes:

1-Kit A

Field ID →
Sally Ward
Spring et
Wakulla
Park Dr

June 28, 2017



G1WA0021_06282017

STORET ↓

Sally Ward Spring
at Wakulla Park Dr.



G1WA0021

Signature:

[Signature]

Date:

6/28/17

Field Parameters Entered into LIMS:

DT 6/30/17
(Initials/Date)

Field Parameters QC in LIMS:

DT 6/30/17
(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

DT 6/30/17
(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 name.

Meter Biology #2

RQ- 2017-06-26-17

Project SMP

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (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 09/23/2016 03/06/2017 DT

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.	Diana Turner	6/28/17	6:57	22.13	8.727	8.86	101.6	47.1	-	P	L
ICV	Diana Turner	6/28/17	6:58	22.13	8.727	8.86	101.6	47.1	-	P	L
CCV	Diana Turner	6/28/17	2:08	23.1	8.562	8.35	97.5	45.9	-	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Diana Turner	6/28/17	7:04	170310D	03/2018	1000	1000	P	L
ICV	Diana Turner	6/28/17	7:05	170310D	03/2018	1000	1002	P	L
CCV	Diana Turner	6/28/17	2:12	170310E	03/2018	100	98.1	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

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.	Diana Turner	6/28/17	7:12	170310B	03/2018	7.0	7.00	5.9	P	L
Calibr.	Diana Turner	6/28/17	7:16	170310A	03/2018	4.01	4.01	174.5	P	L
Calibr.	Diana Turner	6/28/17	7:21	161111C	05/2018	10.01	10.99	-157.2	P	L
ICV	Diana Turner	6/28/17	7:23	161111C	05/2018	10.01	10.02	-158.6	P	L
CCV	Diana Turner	6/28/17	2:17	DT	03/2018	4.01	4.04	172.2	P	L
CCV				170310A						

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;

mV pH7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

Request Number: 2017-06-26-17

Type Event Description Here SMP

Customer: WQAP

Project ID: SMP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central Lab Sample Submittal Form

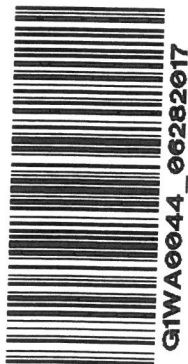
Requester: Benjamin-Rafay Curtis Musson

Collected By: Ray Stuart, Diana Turner

Field Report Prepared By: FDEP

Sampling Agency: FDEP

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Field ID →

Sand Pond Middle

June 28, 2017

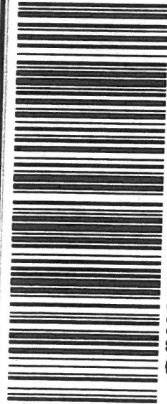
G1WA0044_06282017

STORET ↓



Sand Pond Middle

G1WA0044



Field ID →

QC DUP

Sand Pond Middle

June 28, 2017

G1WA0044_06282017D

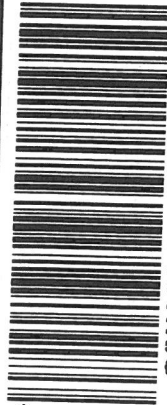
STORET ↓

Sand Pond Middle

QC DUP



G1WA0044



Field ID →

QC BLANK DI WATER

June 28, 2017

G1WA0044_06282017B

QC BLANK
DI WATER☐ Comp☒ Grab

Matrix (Salt, Fresh)

Fresh

Temp

(C) 28.54

Salinity

(ppt) 0.01

Latitude (Decimal Degrees)

30.334

Collection (comp begin or grab)

Date 6/28/17

Time 8:50 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A

Collection (comp begin or grab)

Date 6/28/17

Time 8:50 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A

Collection (comp begin or grab)

Date 6/28/17

Time 8:50 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

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Collection (comp begin or grab)

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pH

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Longitude (Decimal Degrees)

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Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

5.52

Comments

Longitude (Decimal Degrees)

-84.387

Bottle

Group(s)

A, D

Collection (comp begin or grab)

Date 6/28/17

Time 8:25 AM

Eastern

Central

Diss. Oxygen

(mg/L)

4.32

pH

Request Number: 2017-06-26-17
Type: ~~Regular~~ **EMERGENCY**

Type/Event/Description Here: SMP
Customer: WQAP
Project ID: SMP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Requester: Benjamin-Royce Curtis Mussen

Collected By: Ray Short, Diana Turner

Field Report Prepared By: FDEP
Sampling Agency: FDEP

Page 2 of 3

Field ID →
Sally Ward
Spring at
Wakulla
Park Dr.
June 28, 2017
GIWA0021_06282017

STORET ↓
Sally Ward Spring
at Wakulla Park Dr.
GIWA0021

Field ID →
Eight Mile
Pond
Middle
June 28, 2017
GIWA0024_06282017

STORET ↓
Eight Mile
Pond Middle
GIWA0024

Field ID →
Chick
Branch
Old Plank Rd
June 28, 2017
GIWA0031_06282017

STORET ↓
Chick Branch
at Old Plank Rd
GIWA0031

Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)	
Comp	Grab	Comp	Grab	Comp	Grab
☐	☒	☐	☒	☐	☒
Matrix (Salt, Fresh)	Fresh	Matrix (Salt, Fresh)	Fresh	Matrix (Salt, Fresh)	Fresh
Temp (C)	20.87	Temp (C)	27.03	Temp (C)	20.87
Salinity (ppt)	0.17	Salinity (ppt)	0.04	Salinity (ppt)	0.17
Diss. Oxygen (mg/L)	3.04	Diss. Oxygen (mg/L)	3.19	Diss. Oxygen (mg/L)	3.04
pH	7.41	pH	7.04	pH	7.41
Sample Depth (m)	0.3	Sample Depth (m)	0.3	Sample Depth (m)	0.3
Sp. Conductance (umho/cm)	353	Sp. Conductance (umho/cm)	90	Sp. Conductance (umho/cm)	353
Comments		Comments		Comments	
Latitude (Decimal Degrees)	30.2414	Latitude (Decimal Degrees)	30.32635	Latitude (Decimal Degrees)	30.2414
Longitude (Decimal Degrees)	-84.3109	Longitude (Decimal Degrees)	-84.430273	Longitude (Decimal Degrees)	-84.3109
Collection Date	6/28/17	Collection Date	6/28/17	Collection Date	6/28/17
Time	9:58	Time	7:04	Time	9:58
Eastern Central		Eastern Central		Eastern Central	
Bottle Group(s)	A	Bottle Group(s)	A, C	Bottle Group(s)	A, C, D, E

Relinquished By: Diana Turner	Date/Time: 6/28/17 1:10	Number of Coolers: 2	Received By: RRP	Date/Time: 6-28-17 1:10
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Field ID		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Comp	Grab	Date	Time	Eastern Central	Date	Time	
☐	☒	6/28/17	12:30pm				A, B, C, D, E
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Fresh		9.11		0.1		125	
Temp (C)		7.54					
Salinity (ppt)		0.06					
Latitude (Decimal Degrees)		30.4544		Longitude (Decimal Degrees)		-84.2204	
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					
Salinity (ppt)		Comments					
Latitude (Decimal Degrees)				Longitude (Decimal Degrees)			
Location		Collection (comp begin or grab)		Collection (comp begin or grab)		Bottle Group(s)	
Field ID		Date		Date			
STORET #		Time		Time			
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Sample Depth (m)		Sp. Conductance (umho/cm)	
Temp (C)		pH					

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 7	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP						
	W-ICPMS						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: D	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	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	2
	PCR-FILTER						

Cooler Packing Worksheet for Request: RQ-2017-06-26-17

Sand, Sally, 8 mile, Chicken, Lafayette

Ship Cooler On: 6/19/2017

Customer/Project: WQAP/SMP

Assigned To: REAVES_S

Requester: Curtis Musson

Priority: 3

850-245-8453
2600 Blair Stone Rd
MS #3525
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Freshwater Kit Nutrient Kit

Group B: Metals

Group C: E. coli

Group D: Organics (Wastewater Tracers) Defult/Short AHERB list

Group E: PCR (Wastewater Markers)

5 - liters DI water for a field blank

No FedEx labels needed

Requested Analyses:

Bottle Group: A

of Sites: 7

Container ID: P-1L

Qty: 7 Preservation: ICE

Lot #

00067591

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 7 Preservation: ICE

Lot #

1199138

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 7 Preservation: ICE And H2SO4

Lot # 00067590

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7 Preservation: ICE-FLTR

Lot # 00067688

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00067590

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

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

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

Bottle Group: C

of Sites: 4

Container ID: P-250ML-WO-THI

Qty: 4 Preservation: ICE

Lot # 117013

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: D

of Sites: 4

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00068080

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

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 # 00066780

Description:

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Cooler Packed By: SR

Number of Coolers: 4

Date: 6-16-17

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☐ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2017-06-26-17