



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Mcbride West

Date: 10/09/2019 ✓
(mm/dd/yyyy)

WIN ID/ Field ID G1WA0089 ✓

WBID: 647E

Latitude: 30.56308

County: Leon

ORG ID: 21FLWQA

(Decimal Degrees)

Longitude: -84.23991

(Decimal Degrees)

Receiving Body of Water: Sink To Aquifer

RQ - 2019-10-07-27

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Curtis Musson			✓		✓	✓		
Avril Wood-McGrath		✓		✓	✓	✓		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>PROSS</u>		
Equipment ID		

Collection Method	
☐ Wading	☒ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded	Meter ID# <u>18J104543</u>	Matrix: <u>Fresh</u> Marine/ DI
Photos: Yes <u>No</u>	Flow: No Flow/ Intestinal/ Flowing/ <u>NA</u>	Tide: Rising/ Falling/ Slack/ <u>NA</u>
		Tide Times: High <u>Low</u>

Field Sample

(Bracket Sample Time)

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°)
<u>EST</u>	<u>10:41</u>	<u>2.7</u>	<u>0.3</u>	<u>1.75</u>	<u>3.48</u>	<u>44.0</u>	<u>5.84</u>	<u>0.02</u>	<u>45.6</u>	<u>27.4</u>
CEN			<u>2.2</u>		<u>0.48</u>	<u>10.1</u>	<u>5.68</u>	<u>0.02</u>	<u>46.3</u>	<u>27.4</u>

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	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	<u>9189080</u>	<u>7/20</u>	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☒ HNO3	<u>9129190</u>	<u>5/20</u>	☒ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Contains: 1:1 H2SO4
Lot No.: SA9129100
Expires: 06/09/20
See Safety Data Sheet (SDS)

Contains: 1:1 HNO3
Lot No.: NA9189080
Expires: 07/08/20
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4
Lot No.: 7782-184
Expires: 07/08/20
See Safety Data Sheet (SDS)

Contains: 1:1 HNO3
Lot No.: 7782-184
Expires: 07/08/20
See Safety Data Sheet (SDS)

QA/QC Sample Information Duplicate

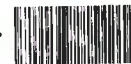
Time Zone: EST CEN		Time: _____		Field ID: na	
(WIN ID_DUP)					
WIN DMT Activity ID:					
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄	na	na	☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	na	na	☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	na	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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ 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			

Blank

Time Zone: EST CEN Time: 12:59 Field ID: FB_10092019

DI Source: C Building Location: Willacoochee Creek At 161

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

FILED ID →  FB_10092019

Location  Willacoochee Creek at 161

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 ₂ SO ₄	9189080	5/9/20	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	9129100	7/8/20	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ 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			
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	☐ Ice ☐ Other			
Microbiology	☒ E.coli ☐ F. Coliform ☐ Enterococci	ICE			
Notes: Nutrients, Metals, E. coil, tracers			WIN ID / FILED ID →  G1WA0089 Location  McBride West		
Signature: 				Date: <u>10/9/19</u>	

LIMS EVENT ID: WAS-SECT-2019-10-09-01 WIN Import ID: _____

Enter Field Parameters, Verify Station ID in LIMS DMT: 10/12/19 QC Station ID, Field Parameters in LIMS DMT: 11/13/19

Scan/Save Field Sheets 12-30-19 Migrate Data to WIN: _____ Verify Data in WIN: _____

(Initials/Date) (Initials/Date) (Initials/Date)

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

Boldly "X" this box if there are qualified data on this page.

Meter ID: 19T104543
DSS Pro

RQ: 2019-10-07-27

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification _____

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Ami wood-m-cath	10/9	7:41	21.0		8.98	8.97	100.3	—	—	P/F	L/F
ICV	↓	↓	7:44	21.1		8.898	8.98	101.1	—	—	P/F	L/F
CCV	↓	↓	15:06	21.7		8.794	8.72	98.7	—	—	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 (Pro DSS 0.75 to 1.50); 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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Ami wood-m-cath	10/9	7:48	190618F	6/20	1000	1001	P/F	L/F
ICV	↓	10/9	7:51	2908181	8/21	100	98.9	P/F	L/F
CCV	↓	10/9	15:08	190618F	6/20	1000	977	P/F	L/F
CCV	↓	10/9	15:10	2908181	8/21	100	101.0	P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Ami wood-m-cath	10/9	7:53	190618B	12/20	7.02	27.2	7.01	-60.0	P/F	L/F
Calibr.	↓	↓	7:55	190618A	12/20	4.00	27.4	4.00	118.4	P/F	L/F
Calibr.	↓	↓	7:57	190618C	12/20	10.05	27.9	9.98	-216.3	P/F	L/F
ICV	↓	↓	8:00	190618C	12/20	10.05	22.4	9.99	-216.5	P/F	L/F
CCV	↓	↓	15:12	190618A	12/20	4.00	22.3	4.12	107.9	P/F	L/F
CCV	↓	↓	15:15	190618C	12/20	10.05	24.0	10.05	-222	P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

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

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)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last 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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By:

Collected By:

Sampling Agency: FDEP

Curtis Mussen

Sampling Agency: **FDEP**

Location	WIN ID / FILED ID →		G1WA0087		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	G1WA0087		G1WA0087		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		(See pg 2)	
WIN/STORET #	Willacoochee Creek at 161		G1WA0087		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude	dd dms		Longitude		dd dms		Salinity (ppt)		dd dms		A	
Location	WIN ID ↓		G1WA0087 DUP		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	G1WA0087		G1WA0087		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		A	
WIN/STORET #	Willacoochee Creek at 161		G1WA0087		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude	dd dms		Longitude		dd dms		Salinity (ppt)		dd dms		A	
Location	FILED ID →		FB_10092019		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	FB_10092019		FB_10092019		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		B	
WIN/STORET #	Willacoochee Creek at 161		G1WA0087		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude	dd dms		Longitude		dd dms		Salinity (ppt)		dd dms		B	
Location	WIN ID ↓		G1WA0087		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field ID	G1WA0087		G1WA0087		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L Total Res. Chlorine		A	
WIN/STORET #	Willacoochee Creek at 161		G1WA0087		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Latitude	dd dms		Longitude		dd dms		Salinity (ppt)		dd dms		A	

Relinquished By: Curtis Messon	Date/Time 10-9-2019 / 2:51	Shipping Method Drop off	Number of Coolers Shipped: 3	Received By: 	Date/Time 10/2/19 1454
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WQ-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ECOL-18QT					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By: Curtis Musson

Collected By: Curtis Musson, Avril Wood-McGrath

Sampling Agency: FDEP

Curtis Musson

Location	WIN ID / FILED ID → G1WA0008 McBride Mid	dd dms Longitude	dd dms Latitude
Field ID			
WIN/STORET #			
Latitude			
Location	WIN ID / FILED ID → G1WA0088 McBride South	dd dms Longitude	dd dms Latitude
Field ID			
WIN/STORET #			
Latitude			
Location	WIN ID / FILED ID → G1WA0089 McBride West	dd dms Longitude	dd dms Latitude
Field ID			
WIN/STORET #			
Latitude			
Location	WIN ID / FILED ID → G1WA0020 Little River 100 meters upstream of SR 12	dd dms Longitude	dd dms Latitude
Field ID			
WIN/STORET #			
Latitude			

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/9/19 Time 10:16	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 91.9	Sp. Conductance (umho/cm) 44.2	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Temp (C) 27.8	pH 7.04	Salinity (ppt) 0.02	Sample Depth 0.3	ft ☒ m	Total Res. Chlorine (mg/L) —	A
Comments						

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/9/19 Time 10:41	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 44.0	Sp. Conductance (umho/cm) 45.6	Composite end Date — Time —	Bottle Group(s)
Temp (C) 27.4	pH 5.84	Salinity (ppt) 0.02	Sample Depth 0.3	ft ☒ m	Total Res. Chlorine (mg/L) —	A
Comments						

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/9/2019 Time 13:37	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 94.8	Sp. Conductance (umho/cm) 120.6	Composite end Date — Time —	Bottle Group(s)
Temp (C) 24.1	pH 6.94	Salinity (ppt) 0.06	Sample Depth 0.2	ft ☒ m	Total Res. Chlorine (mg/L) —	A
Comments						

Relinquished By: Curtis Musson	Date/Time 10-9-19 2:51	Shipping Method Drop off	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time 10/11/19 14:54
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Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WG-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					

Group: A	Bottle Type: P-1L	# of Bottles: 6	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: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
CHLSUITE-W						
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
ECOLI-18QT						
Group: A	Bottle Type: BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
W-E8321-DI W-E8321-MS						
Group: A	Bottle Type: P-500ML	# of Bottles: 6	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	6
W-ICP W-ICPMS HNO3 LOT# N49189030 F-EXP: 07/08/20						
Group: A	Bottle Type: P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC H2SO4 LOT# SA9129100 EXP: 05/09/2020						
Group: A	Bottle Type: P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
W-PO4-F						
Group: B	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						

Group: B	Bottle Type: W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3 LOT# NA9189080 F-EXP: 07/08/20	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 H2SO4 LOT# SA9129100 EXP: 05/09/2020	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab

Cooler Packing Worksheet for Request: RQ-2019-10-07-27

Little River, Lake McBride

Ship Cooler On: 10/7/2019

Customer/Project: WAS-SECT/SMP

Assigned To: REYNOLDS_T

Requester: Curtis Musson

Priority: 3

850-245-8453

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Nutrients, Metals, Tracers, E.coli
647Ex3, 424, 410 & 1 DUP

Group B: Nutrients, Metals, Tracers, E.coli
QC Blank

Notes:

No FedEx Labels

No Trash Bags

Requested Analyses:

Bottle Group: A

of Sites: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00074723

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 using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 6 Preservation: ICE

Lot # 1259820

Description: Brown Plastic Bottle 1L

Analysis

Description

Container ID: P-250ML-WO-THI Qty: 6 Preservation: ICE**Lot #** 6M01-TN**Description: 250 ml Sterilized no tablet****Analysis**

ECOLI-18QT

Description

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

Container ID: BG-500ML Qty: 6 Preservation: ICE**Lot #** 00075246**Description: Brown Glass Bottle 500ML Affix BLUE dot to container.****Analysis**

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML Qty: 6 Preservation: HNO3**Lot #** 00075526**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

Container ID: P-500ML Qty: 6 Preservation: ICE And H2SO4**Lot #** 00075526**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: 6 Preservation: FILTER-ICE**Lot #** 00074800**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-1L****Qty: 1 Preservation: ICE****Lot #** 06674723**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 using a maximum of 250 mL of sample

Container ID: BP-1L**Qty: 1 Preservation: ICE****Lot #** 1259820**Description: Brown Plastic Bottle 1L****Analysis**

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI**Qty: 1 Preservation: ICE****Lot #** 6M01-TN**Description: 250 ml Sterilized no tablet****Analysis**

ECOLI-18QT

Description

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

Container ID: BG-500ML**Qty: 1 Preservation: ICE****Lot #** 00075246**Description: Brown Glass Bottle 500ML**

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML**Qty: 1 Preservation: HNO3****Lot #** 00075526**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 # 00075526

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: 1

Preservation: FILTER-ICE

Lot # 00074800

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: TYLOR

Number of Coolers: 3

Date: 10/07/19

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

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

PLEASE RETURN ALL COOLERS FOR RQ-2019-10-07-27