



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Merritt's Mill Pond mid under powerlines

Date: 3/14/2018
(mm/dd/yyyy)

WIN/ Field ID: G2WA0008

WBID: 180A

Latitude: 30.7698

County: Jackson

ORG ID: 21FLWQA

Longitude: -85.1731
(Decimal Degrees)

Receiving Body of Water: Chipola River

RQ-2018- 03-12-52
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curtis Musson							X	X	X	
Blake Spencer						X	X	X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>Sonar #1</u>		
Equipment ID		

Collection Method		
☐ 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 / Intestinal / Flowing (NA) Tide: Rising/ Falling/ Slack/ (NA) Tide Times: High NA Low NA

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	1041	1.5	0.3	VOB	11.39	119.8	8.27	0.13	277	17.71
CEN	1044		1.0		11.59	121.7	8.20	0.13	276	17.67

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	SA7341020	12/7/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☐ Ice ☒ HNO3	NA7261120	9/19/19	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	10827954		
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			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ 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-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: Kit-C

Merritt's Mill Pond mid under powerlines

WIN ID/Field ID: G2WA0008

Signature: [Signature] Date: 3/14/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 4-10-18 C2 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: 4-10-18 C2 (Initials/Date)

Scan/Save Field Sheets 4-10-18 C2 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

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

RQ-

Project: Merritt's M. & P. RMAP

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

Date of Last Temperature Verification

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Conductivity Acceptance criteria $\pm 5\%$

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

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or $\pm 0.05\text{m}$, whichever is greater.

Form effective October 1, 2017

Customer: WAS-SECT

Project ID: BMAP

Requester: Curtis Musson

Collected By:

Field Report Prepared By:

Sampling Agency:

Caritas Müsschen

4000

Location		Field ID		WIN/Field ID		Merriitt's Mill Pond		500 meters		upstream of dam		WIN/STORET #		Latitude		Longitude		Comp		Collection (comp begin or grab)		Composite end		Bottle Group(s)			
														☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☒ Grab		Date 3-14-18 Time 0913 Matrix (type, e.g., Salt, Fresh, etc) Fresh		Date Time mg/L Total Res. Chlorine % sat Sp. Conductance (umho/cm)		A1B			
														☐ dd ☐ dms		☐ dd ☐ dms											
Location		Field ID		WIN/Field ID		Merriitt's Mill Pond		mid under		powerlines		WIN/STORET #		Latitude		Longitude		Comp		Collection (comp begin or grab)		Composite end		Bottle Group(s)			
														☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☒ Grab		Date 3-14-18 Time 1041 Matrix (type, e.g., Salt, Fresh, etc) Fresh		Date Time mg/L Total Res. Chlorine % sat Sp. Conductance (umho/cm)		A			
														☐ dd ☐ dms		☐ dd ☐ dms											
Location		Field ID		WIN/Field ID		Merriitt's Mill Pond		600 meters		downstream of		Jackson Blue Spring		WIN/STORET #		Latitude		Longitude		Comp		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
																☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☒ Grab		Date 3-14-2018 Time 1107 Matrix (type, e.g., Salt, Fresh, etc) Fresh		Date Time mg/L Total Res. Chlorine % sat Sp. Conductance (umho/cm)		A1B	
																☐ dd ☐ dms		☐ dd ☐ dms									
Location		Field ID		WIN/Field ID		Merriitt's Mill Pond								WIN/STORET #		Latitude		Longitude		Comp		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
																☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☐ Grab		Date Time mg/L Total Res. Chlorine % sat Sp. Conductance (umho/cm)					
																☐ dd ☐ dms		☐ dd ☐ dms									
Location		Field ID		WIN/Field ID		Merriitt's Mill Pond								WIN/STORET #		Latitude		Longitude		Comp		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
																☐ dd ☐ dms		☐ dd ☐ dms		☐ Comp ☐ Grab		Date Time mg/L Total Res. Chlorine % sat Sp. Conductance (umho/cm)					
																☐ dd ☐ dms		☐ dd ☐ dms									

Relinquished By: Curtis Mussen	Date/Time 3-14-2018 / 14:20	Shipping Method DPR OFF	Number of Coolers Shipped: 1	Received By: 	Date/Time 3-14-18 / 14:20
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	PT-50ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALGAL_ID						

Cooler Packing Worksheet for Request: RQ-2018-03-12-52

Merrits Mill Pond BMAP

Ship Cooler On: 3/8/2018

Customer/Project: WAS-SECT/BMAP

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 With Metals

Group B: Algal ID

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 0070298

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: 3 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 3 Preservation: HNO3

Lot # 00070440

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: 3 Preservation: ICE And H2SO4

Lot # 00070440

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: 3 Preservation: FILTER-ICE

Lot # 00069595

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: 2

Container ID: PT-50ML

Qty: 2 Preservation: ICE

Lot # 03775003

Description: Plastic Tube 50 mL

Analysis

ALGAL_ID

Description

Qualitative assessment of algal taxa present without counts

Cooler Packed By:

JD.

Number of Coolers:

1

Date:

3/5/18

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-2018-03-12-52