



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

WIN Station Name: Merritt's Mill Pond 600 meters downstream of Jackson Blue Spring Date: 6/20/18

WIN/ Field ID: G2WA0007 WBID: 180A Latitude: 30.787 (mm/dd/yyyy) 30° 47' 13"

County: Jackson ORG ID: Longitude: -85.1459 (Decimal Degrees)

Receiving Body of Water: Chipola River RQ-2018- 06-18-24 (Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ashley O'Neal						✓			
Sarah Parak								✓	✓
NIA Wellendorf					✓		✓		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Secchi		
Equipment ID 154185 (AEQAS YSI)		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# 154185 (AEQAS YSI) 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	1130	2.1	0.1	2.1m	8.03	90.7	7.59		278	21.3
CEN	1135		2.0m	5.0m	7.71	87.5	7.56		278	21.2

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: 2002388

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	7341020	12/7/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☐ HNO3	7341010	12/7/18	☒ <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-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-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice ☐ Other			

Notes: Kit C photos from LVI section but not specific sampling site. Some bright green periphyton MATS

Merritt's Mill Pond
600 meters
downstream of
Jackson Blue Spring
G2WA0007

WIN ID/ Field ID



Signature: NIA Wellendorf Date: 6/20/18

Enter Field Parameters, Verify Station ID in LIMS DMT: 6/25/18 QC Station ID, Field Parameters in LIMS DMT: 6-26-18

Scan/Save Field Sheets 6-26-18 Migrate Data to WIN: Verify Data in WIN:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: BMAP

Requester: Curtis Musson

Collected By: AONeal, N Wellendorf, S Paruk

Field Report Prepared By: AONeal

Sampling Agency: FDEP

Location		Merritt's Mill Pond		WIN ID/Field ID	
Field ID	600 meters downstream of Jackson Blue Spring	G2WA00007			
Latitude	30.787	Longitude	-85.1459		
Location		Merritt's Mill Pond mid under powerlines		WIN ID/Field ID	
Field ID	30.7698	Longitude	-85.1731		
WIN/STORET #	500 meters upstream of dam	G2WA00009			
Latitude	30.755	Longitude	-85.1881		
Location		Merritt's Mill Pond		WIN ID/Field ID	
Field ID	500 m above dam	G2WA00010			
WIN/STORET #					
Latitude		Longitude			

☐ Comp Grab	☒ Matrix (type, e.g., Salt, Fresh, etc)	Collection Date	6/20/18	Time	1130	Composite end Date		Time		Bottle Group(s)
Temp (C)		21.3	pH		7.59	Diss. Oxygen		90.7	Total Res. Chlorine (mg/L)	A
Salinity (ppt)			Sample Depth		0.1	Sp. Conductance (umho/cm)		278		
Comments		add algal ID A0								

☐ Comp Grab	☒ Matrix (type, e.g., Salt, Fresh, etc)	Collection Date	6/20/18	Time	1200	Composite end Date		Time		Bottle Group(s)
Temp (C)		26.5	pH		7.91	Diss. Oxygen		142	Total Res. Chlorine (mg/L)	A
Salinity (ppt)			Sample Depth		0.1	Sp. Conductance (umho/cm)		274		
Comments		add algal ID powerline								

☐ Comp Grab	☒ Matrix (type, e.g., Salt, Fresh, etc)	Collection Date	6/20/18	Time	1225	Composite end Date		Time		Bottle Group(s)
Temp (C)		28.2	pH		7.86	Diss. Oxygen		139	Total Res. Chlorine (mg/L)	A
Salinity (ppt)			Sample Depth		0.1	Sp. Conductance (umho/cm)		264		
Comments		add algal ID 500 m above dam								

☐ Comp Grab	☒ Matrix (type, e.g., Salt, Fresh, etc)	Collection Date	6/20/18	Time	1225	Composite end Date		Time		Bottle Group(s)
Temp (C)		28.2	pH		7.86	Diss. Oxygen		139	Total Res. Chlorine (mg/L)	A
Salinity (ppt)			Sample Depth		0.1	Sp. Conductance (umho/cm)		264		
Comments		add algal ID 500 m above dam								

☐ Comp Grab	☒ Matrix (type, e.g., Salt, Fresh, etc)	Collection Date	6/20/18	Time	1225	Composite end Date		Time		Bottle Group(s)
Temp (C)		28.2	pH		7.86	Diss. Oxygen		139	Total Res. Chlorine (mg/L)	A
Salinity (ppt)			Sample Depth		0.1	Sp. Conductance (umho/cm)		264		
Comments		add algal ID 500 m above dam								

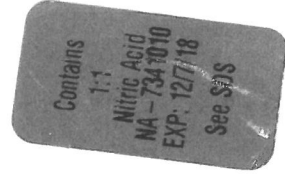
Relinquished By: Ashley O'Neal	Date/Time: 6/20/2018 4:01 PM	Shipping Method: hand delivery	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 6-20-18 4:01 PM
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
A	ALKALINITY					3
	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
A	CHLSUITE-W					3
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
A	W-ICP					3
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
A	W-NH3					3
	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
A	W-PO4-F					3

Contains: 1:1 H2SO4
 Lot No: SA7341020
 Expires: 12/07/18
 See Safety Data Sheet (SDS)

SULFURIC ACID <65%>
 DANGER
 Corrosive
 May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe vapors. Avoid contact with skin and clothing. Wash thoroughly with plenty of water after use. Wear protective gloves and eye protection. Store in a cool, well-ventilated area. Keep away from heat and open flames. Do not mix with other chemicals. If spilled, do not breathe vapors. If swallowed, do not induce vomiting. If inhaled, remove victim to fresh air and administer oxygen if breathing is difficult. If on skin, remove contaminated clothing and wash immediately with plenty of water. If on eyes, flush immediately with water for at least 15 minutes. Rinse thoroughly with water to remove residue. Rinning: Slosh bottled up. Store in container marked.

THOMAS FISHER SCIENTIFIC
 500 NORTH MAIN STREET
 FARMINGTON, CT 06030
 1-800-856-2711
 Contains: 1:1 H2SO4



Cooler Packing Worksheet for Request: RQ-2018-06-18-24

Merrits Mill Pond BMAP

Ship Cooler On: 6/14/2018

Customer/Project: WAS-SECT/BMAP

Assigned To: SHAIK_A

Requester: Curtis Musson

Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Group A: Nutrients, Metals

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00071006

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: 3 Preservation: ICE

Lot # 1223623

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 # 00070684

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 # 00070684

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 # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: DBP

Number of Coolers: 1

Date: 6-1-18

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-2018-06-18-24