FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified? Yes / (No)

WIN Station Name: Merritt's Mill Pond mid under powerlines **Date:** 6-20-18 (mm/dd/yyyy)

WIN/ Field ID: G2WA0008 **WBID:** 180A **Latitude:** 30.7698 (Decimal Degrees) 30° 46' 11.28"

County: Jackson **ORG ID:** ______ **Longitude:** -85.1731 (Decimal Degrees)

Receiving Body of Water: Chipola River **RQ-2018-** 06-18-24

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

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [x] Syringe
- [ ] Dipper
- [ ] Other ______

Depth Measured with Secchi Disk

Equipment ID ______

Collection Method

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

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

Meter ID# 154185 (AERAS YSI)

Matrix: (Fresh) / Marine / DI

Photos: (Yes) / No

Flow: No Flow / Intestital / 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 (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	1200	2.7	0.1	2.7 (S) VOB	11.4	142	7.91		2740	26.5
CEN	1203		2.70		11.98	148	7.88		270	26.1

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

SBIO ID Numbers: SBIO-ID: 78480 HA-ID: RPS-ID: Macrophyte-ID: 10977 LIMS#: 2002389

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	SA 7341020	12/7/18	[x] <2
Metals	[x] W-ICPMS [x] W-ICP	[x] Ice [x] HNO_3	NA 7341010	12/7/18	[x] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice			
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	[x] ALGAE-ID	[x] 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			

Contains 1:1 Nitric Acid NA – 7341010 EXP: 12/7/18 See SDS

Contains: 1:1 H2S04 Lot No.: SA7341020 Expires: 12/07/18 See Safety Data Sheet (SDS)

SULFURIC ACID <51% DANGER Contains: 1:1 H2SO4 THERMO FISHER SCIENTIFIC

Notes: Kit C LVI

photos – "upstream", "downstream" Right left

Algal sample collected – floating brown circles

Merritt's Mill Pond mid under powerlines WIN ID/Field ID G2WA0008

Signature: [signature] **Date:** 6/20/18

Enter Field Parameters, Verify Station ID In LIMS DMT: ~~AO~~ 6/25/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: CM 6-26-18 (Initials/Date)

Scan/Save Field Sheets CM 6-26-18 (Initials/Date) Migrate Data to WIN: ______ (Initials/Date) Verify Data In WIN: ______ (Initials/Date)

Entered by: [redacted] 6/25/18
QC'd: CM 6/26/18

SBID: 78480 Macrophyte: 10977 **DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET** LIMS#: 2002389

Waterbody: Merritts Mill Pond	County: JACKSON	Date: 6/20/18
Analyst: Ashley O'Neal, Nia Wellenhof, Sarah Morse	Signature: Nyoka Wellenhof	STORET: G2WA0008

Except where noted as "sp." species level identification required. *Genera that may require lab verification*
Plants in bold= FLEPPC invasive exotic.

It is important to note dominant or co-dominant taxa (by areal extent) for each unit. Use "D" to denote dominant taxon, or "C" for the 2 co-dominant taxa.

Lake units sampled (circle one group): 1, 4, 7, 10 — 2, 5, 8, 11 — 3, 6, 9, 12

SPECIES	1	4	7	10	Collected? (√)
Acer rubrum					
Alternanthera philoxeroides				1	
Andropogon sp.					
Azolla filiculoides (A. caroliniana)					
Baccharis sp.					
Bacopa caroliniana					
Bacopa monnieri					
Bidens laevis					
Bidens mitis					
Blechnum serrulatum					
Boehmeria cylindrica		1	1	1	
Brasenia schreberi					
Cabomba caroliniana					
Casuarina equisitifolia					
Centella asiatica					
Cephalanthus occidentalis		1		1	
Ceratophyllum demersum	1	C	1	C	SP
Chara sp.	1		C	C	
Cladium jamaicense	1		1	1	
Cliftonia monophylla					
Colocasia esculenta	1			1	
*Commelina					
Crinum americanum					
***Cyperus alternifolius** (C. involucratus)					
Cyperus articulatus					
Cyperus haspan					
*Cyperus lecontei					
*Cyperus polystachyos					
*Cyperus odoratus					
*Cyperus surinamensis					
Cyrilla racemiflora					
Decodon verticillatus					
Diodia virginiana					
*Echinochloa crus-galli					
*Echinochloa muricatum					
Echinochloa walteri					
Eclipta prostrata (E. alba)					
Egeria densa					
Eichhornia crassipes					
*Eleocharis baldwinii					
*Eleocharis					
Eleocharis cellulosa					
Eleocharis equisetoides					
Eleocharis interstincta					
*Eriocaulon compressum					
*Eriocaulon decangulare					
Eupatorium capillifolium					
*Fuirena					
Fuirena scirpoidea					
Gordonia lasianthus					

SPECIES	1	4	7	10	Collected? (√)
Habenaria repens					
Hydrilla verticillata					
Hydrocotyle sp.				1	
Hygrophila polysperma					
*Hypericum fasciculatum					
*Hypericum hypericoides					
*Hypericum myrtifolium					
Ilex cassine					
Ipomoea aquatica					
Ipomoea sagittata					
Itea virginica					
Juncus effusus					
*Juncus marginatus					
*Juncus megacephalus					
Juncus repens					
*Juncus scirpoides					
Lachnanthes caroliniana					
Leersia hexandra					
Landoltia punctata (Spirodela punctata)					
Lemna sp.	1	1	1	1	
Leucothoe racemosa (Eubotrys racemosa)					
Limnobium spongia					
Limnophila sessiliflora					
Liquidamber styraciflua	1				
*Ludwigia arcuata					
*Ludwigia leptocarpa					
*Ludwigia linearis					
*Ludwigia octovalvis					
***Ludwigia peruviana**					
*Ludwigia repens					
*Ludwigia					
Luziola fluitans (Hydrochloa carolinensis)					
Lyonia lucida					
Magnolia virginiana					
Mayaca fluviatilis					
Melaleuca quinquenervia					
Micranthemum glomeratum					
Micranthemum umbrosum					
Mikania scandens					
Mimosa pigra					
Myrica cerifera					
FRAXINUS sp pensylvanica	1	1	1	✓	AO

Very lush Ceratophyllum & Vallisneria in 4, more patchy in other sections

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

Site: Merritts Mill Pond

Date: 6/20/18

SPECIES	1	4	7	10	Collected? (√)
Myriophyllum aquaticum					
*Myriophyllum heterophyllum					
*Myriophyllum laxum					
*Myriophyllum pinnatum					
Myriophyllum spicatum					
*Najas filifolia					
*Najas guadalupensis					
*Najas minor					
Nelumbo lutea					
Nitella spp.					
Nuphar sp.					
Nymphaea odorata					
Nymphoides aquatica					
Nyssa sylvatica var. biflora		/	|	|	
Orontium aquaticum					
Osmunda cinnamomea					
Osmunda regalis					
Panicum hemitomon					
Panicum repens					
Paspalidium geminatum					
*Paspalum repens					
Paspalum urvillei					
Peltandra sp.					
Persea sp.					
Pennisetum purpureum					
Phragmites australis					
Pinus elliottii					
Pistia stratioides					
Pluchea sp.					
*Polygonum glabrum (densiflorum)					
*Polygonum hydropiperoides					
*Polygonum punctatum					
*Polygonum ____________					
Pontederia cordata					
*Potamogeton diversifolius					
*Potamogeton illinoensis					
*Potamogeton pusillus					
*Potamogeton pectinatus (Stuckenia pectinatus)					
Proserpinaca pectinata					
*Rhexia ____________					
*Rhynchospora corniculata					
*Rhynchospora inundata					
Rhynochospora tracyi					
Ricciocarpus natans					
Sabal palmetto					
Sacciolepis striata					
*Sagittaria filiformis					
*Sagittaria graminea					
*Sagittaria isoetiformis					
Sagittaria lancifolia					
Sagittaria latifolia					

SPECIES	1	4	7	10	Collected? (√)
Salix caroliniana				|	
Salvinia minima			|	|	
Sambucus canadensis					
Sapium sebiferum					
Saururus cernuus					
Schinus terebinthifolius					
*Schoenoplectus californicus					
*Schoenoplectus pungens					
*Schoenoplectus tabernaemontani (Scirpus validus)					
Scirpus cubensis (Oxycaryon cubense)					
Scirpus cyperinus					
*Sesbania ____________					
Solidago sp.					
Sparganium americanum					
Spartina bakeri					
Spirodela polyrhiza					
Taxodium sp.	C	/	C	C	
Thalia geniculata					
Thelypteris palustris					
Triadenum virginicum					
Typha sp.				/	
Urochloa mutica (Brachiaria mutica)					
*Utricularia gibba (U. biflora)					
*Utricularia floridana					
*Utricularia foliosa					
*Utricularia inflata					
*Utricularia purpurea					
*Utricularia cornuta					
*Utricularia radiata					
Vallisneria americana	C	C	/		
*Websteria confervoides					
Wedelia trilobata (Sphagneticola trilobata)					
Wolffiella spp.					
Woodwardia ~~virginica~~ Areolata		/			
Xyris sp.					
Zizania aquatica					
Zizaniopsis milacea					
~~Xanthophyllum~~ AO	|				
Xanthosoma sagittifolium					

Macrophyte QC Report

STORET: G2WA0008
Visit ID: 78480
Macrophyte ID: 10977
LIMS ID: 2002389

Sample Date: 6/20/2018
Collector Name: Wellendorf, Nia
Identifier Name: Wellendorf, Nia

Macrophyte Sample Comments:

Taxa Name:	Rep 1	Rep 2	Rep 3	Rep 4
Alternanthera philoxeroides				P
Boehmeria cylindrica		P	P	P
Cephalanthus occidentalis		P		P
Ceratophyllum demersum	P	C	P	P
Chara	P		C	C
Cladium jamaicense	P		P	P
Colocasia esculenta	P			P
Fraxinus pennsylvanica		P	P	P
Hydrocotyle				P
Lemna	P	P	P	P
Liquidambar styraciflua	P			
Myrica cerifera				P
Nyssa sylvatica biflora		P	P	P
Salix caroliniana				P
Salvinia minima			P	P
Taxodium	C	P	C	C
Typha				P
Vallisneria americana	C	C	P	
Woodwardia areolata		P		
Xanthosoma sagittifolium	P			

X-CM QC 6-26-18

This data has not been fully approved at this time.

Entered by: [illegible] 6/25/18

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: 78480 | MACROPHYTE ID: | LATITUDE: 30.7698
COUNTY: Jackson | STORET #: G2WA0008 | LONGITUDE: -85.1731
DATE: 6/20/18 | TIME: 1200 | SAMPLING AGENCY: FDEP / AEQA
SITE NAME: Mint Mill Pond | WBID: 180A
FIELD ID/NAME: G2WA0008 | LAKE SIZE: | RQ: 2018-06-18-24

WATERSHED / LAKESIDE FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category – from GIS):

Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
35%				65%			

LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer): LDI: 2.94 | Land Use Source & Year: 2016

Local Watershed Erosion (select one): ☐ None ☒ Slight ☐ Moderate ☐ Heavy
Local Watershed NPS Pollution: ☐ No evidence ☒ Slight ☐ Moderate ☐ Heavy
Artificially Impounded: ☒ Yes ☐ No

STORMWATER INPUTS: 14	Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation	Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place	Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place	Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
LAKESIDE ALTERATIONS: 12	Very few man-made structures, roads, or other disturbance adjacent to lake (<10% lakeside affected)	Moderate disturbance visible - structures, roads or other (10%-49% lakeside affected) cleared lots,	Many structures, roads or other human disturbance visible (50%-70% lakeside affected) steep slopes	Highly developed or disturbed (>70% of lakeside affected)
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
BUFFER ZONE: 13	Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer	89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer	50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer	< 29% of shoreline with >18m buffer
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1

WATER / SUBSTRATE / BIOLOGICAL: SAMPLES AND OBSERVATIONS

Water:
Nutrient Sample Taken? ☑ Yes ☐ No Preserved? ☑ Yes ☑ pH<2 ☐ No
Color Sample Taken? ☑ Yes ☐ No Lot # _____ Exp. Date: _____
Alkalinity Sample Taken? ☑ Yes ☐ No
Water Level ☐ Low ☑ Normal ☐ High

Water Odors: ☑ Normal ☐ Sewage ☐ Petroleum ☐ Other _____
Water Surface Oils: ☑ None ☐ Sheen/Slick ☐ Glob ☐ Other _____

Meter Readings: SM P	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat. (%)	Cond. (UMHO/CM)	Salinity (PPT)
Top:	0.1	26.5	7.91	11.40	142.0	274	
Mid-Depth:							
Bottom:	2.6	26.1	7.88	11.98	148.0	270	

Meter ID: 154185 (AEQA YSI)

Clarity: ☑ Clear ☐ Opaque ☐ Turbid ☐ Slightly Turbid
Color: ☑ Clear ☐ Tannic ☐ Green — N-clear S-algae
SECCHI (M): 2.7 | VOB ☒ | Total Station Depth (M): 2.7

Sediment Type: (may check more than one) ☑ Sandy ☐ Organic fibrous (peaty, CPOM) ☐ Sand/Silt ☐ Organic smooth (muck)
Sample Taken? ☑ Yes ☐ No ☑ Vegetated ☐ Other (Specify): _____
Sediment Odors: ☑ Normal ☐ Other (Specify): _____ ☐ Anaerobic
Larg. from SMP sites

Biological Communities:
LVI Conducted? ☑ Yes ☐ No
Phytoplankton Sample Taken? ☐ Yes ☒ No
Sample Preserved? ☐ Yes ☐ No
Lot #: _____ Exp Date: _____
Algal Bloom/Algal ID Sample Taken? (Yes) No
Active Vegetation Mgmt? ☐ Yes ☐ No ☒ Don't Know

Abundance:

	Absent	Rare	Common	Abundant
Periphyton	☐	☐	☐	☑
Nuisance Plants	☐	☑	☐	☐
Submersed Plants	☐	☐	☐	☑
Exotic Apple Snails	☑	☐	☐	☐

Additional Notes: NATive apple snail egg section 1, 4 main water source spring

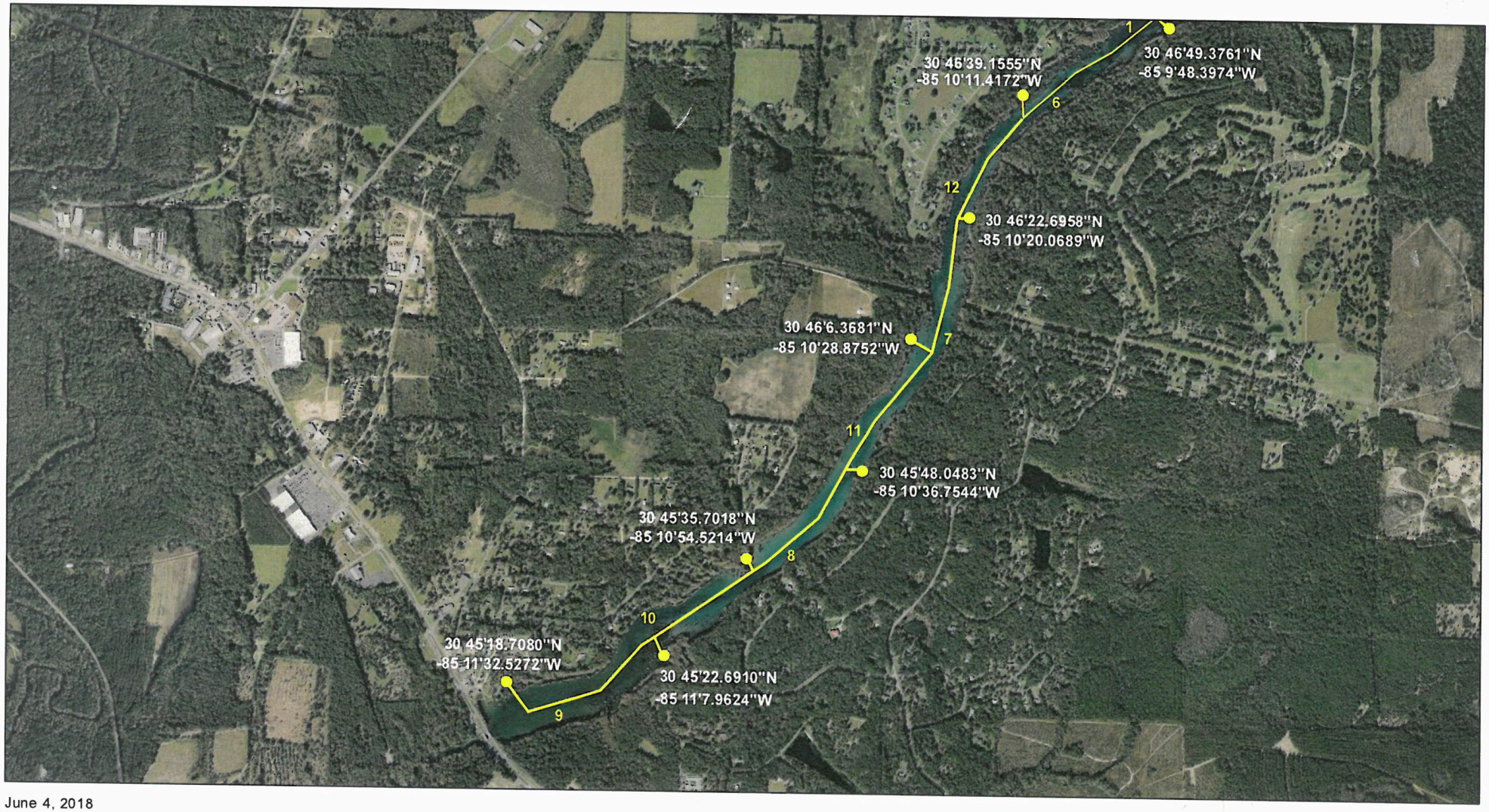
Weather Conditions : Sunny 80s — Water quality & LVI for SMP

SAMPLING TEAM: Wellendorf, O'Neal, Panek | **SIGNATURE:** [signature] | **DATE:** 6/20/18

62-160.800, F.A.C.

Revision Date: March 1, 2014

Merritts Mill Pond, WBID 180A (Map B)



June 4, 2018

1:18,056

0 0.225 0.45 0.9 mi

0 0.35 0.7 1.4 km

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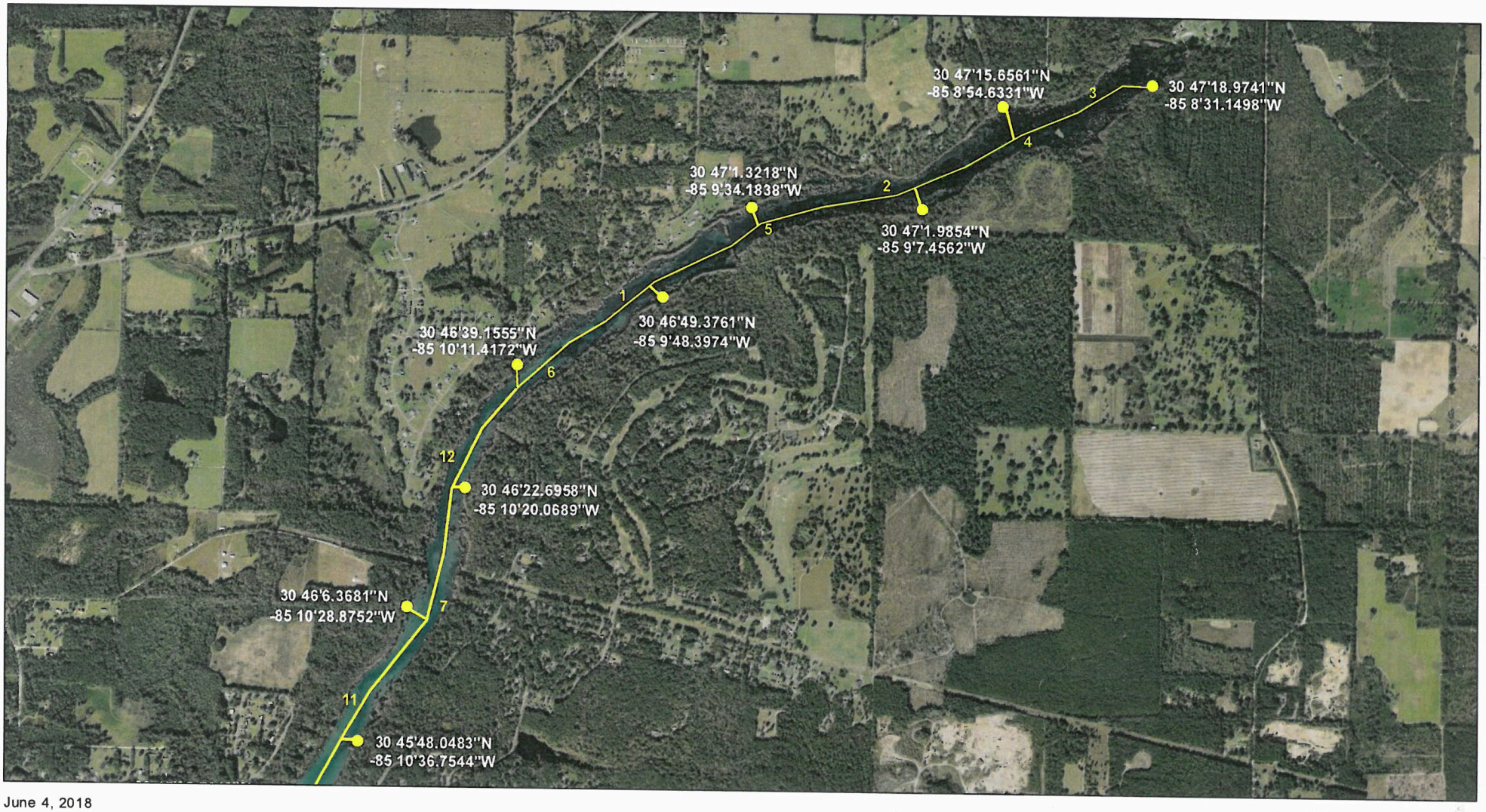
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User

Merritts Mill Pond, WBID 180A, Jackson Co. (Map A)



June 4, 2018

1:18,056

0 0.225 0.45 0.9 mi

0 0.35 0.7 1.4 km

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User

Request Number: RQ-2018-06-18-24

Merrits Mill Pond BMAP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: BMAP

Requester: Curtis Musson

Collected By: AONeal, NWellendorf, SPavek

Field Report Prepared By: AO'Neal

Sampling Agency: FDEP

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

Field ID:

WIN/STORET #:

WIN ID/ Field ID: Q2WA0007

Latitude: 30.787 ☒dd ☐dms | Longitude: −85.1459 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6/20/18 Time 1130 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh (lake)

Diss. Oxygen: 90.7 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C): 21.3 | pH: 7.59 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 278

Salinity (ppt):

Comments: ~~add algal ID~~ AO

Location: Merritt's Mill Pond mid under powerlines

Field ID:

WIN/STORET #:

WIN ID/Field ID: Q2WA0008

Latitude: 30.7698 ☒dd ☐dms | Longitude: −85.1731 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6/20/18 Time 1200 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh (lake)

Diss. Oxygen: 142 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C): 26.5 | pH: 7.91 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 274

Salinity (ppt):

Comments: add algal ID powerline

Location: Merritt's Mill Pond 500 meters upstream of dam

Field ID:

WIN/STORET #:

WIN/Field ID: Q2WA0009

Latitude: 30.755 ☒dd ☐dms | Longitude: −85.1881 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6/20/18 Time 1225 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): fresh (lake)

Diss. Oxygen: 139 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C): 28.2 | pH: 7.86 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 264

Salinity (ppt):

Comments: add algal ID 500 m above dam

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
Ashley O'Neal	6/20/2018 4:01 PM	hand delivery		MRS	6-20-18 / 4:01 P-M

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

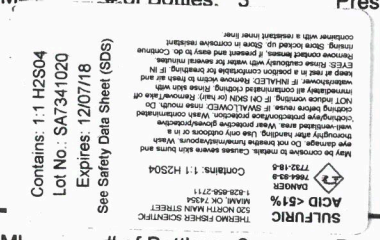
CHLSUITE-W

Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	3

W-ICP
W-ICPMS

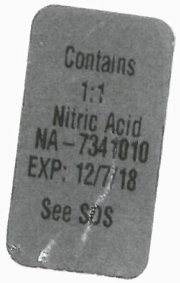
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	3

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



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 #** 0807006

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 using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 3** **Preservation: ICE** **Lot #** 1223643

Description: Brown Plastic Bottle 1L

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

Container ID: P-500ML **Qty: 3** **Preservation: HNO3** **Lot #** 0070684

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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Container ID: P-500ML **Qty: 3** **Preservation: ICE And H2SO4** **Lot #** 0070684

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: 3** **Preservation: FILTER-ICE** **Lot #** 0070886

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: ABP Number of Coolers: 1 Date: 6-11-18

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