



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: Lake Verona Date: 07/16/2020
(mm/dd/yyyy)
WIN/ Field ID: GASD0178 WBID: 1813H Latitude: 27.59784
(Decimal Degrees)
County: Highlands ORG ID: 21FLFTM Longitude: -81.496960
(Decimal Degrees)
Receiving Body of Water: RQ-2020-07-13-56

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Nicole Reistad</u>		X	X	X	X	X
<u>John Barrington</u>		X	X	X	X	X

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☒ Syringe	☐ Pole
☐ Dipper	☐ Other
Depth Measured with <u>Secchi disk</u>	
Equipment ID <u>Deep Blue</u>	
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>Pro Move</u>	
Photos: <u>Yes</u> / No	Flow: No Flow / Flowing <u>NA</u>	Tide: Rising/ Falling/ Slack/ <u>NA</u>	Tide Times: High <u>Low</u>
Biological Samples Collected: None HA SCI RPS Algae ID LVS <u>LVI</u> Other:			
SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID:
Macrophyte-ID:		LIMS#:	
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: _____ Field ID: _____ (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: EST CEN Time: _____ Field ID: _____ (Blank Type_DDMMYYYY)
DI Source: _____ Location: _____
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank
Equipment ID: _____

Signature: [Signature] Date: 07/16/2020

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: _____ (Initials/Date)

Scan/Save Field Sheets YD 07/16/20 Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)



RQ-2020- 07-13-65
Customer: 50-DIST
Project ID: SMP

Collected By: John Barrington
Field Report Prepared By: Nicole Reistad
Sampling Agency: ADDP-SROC

Field ID/WIN ID

Location



G4SD0178



Lake Verona @ Center

Comments:

Matrix: Fresh / Marine

(Check one)

☒ GRAB

☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
07/16/20	1045 EST / CST	7.65	102.5	30.7	7.67	0.3	4.0 VOB (S)	>15	105.6	0.05

Cental Lab please use top row for login purposes

1047 EST / CST	0.37	4.3	21.3	6.17	10.0				105.9	0.05
-------------------	------	-----	------	------	------	--	--	--	-------	------

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4*	☒ <2	1	A
	Lot # <u>SA9354050</u> Exp: <u>12/20/20</u>				
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO3* ☐ <2			
	Lot # <u> </u> Exp: <u> </u>				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	A
	Filter Lot # <u>16989757</u> Exp: <u> </u>				
	Syringe Lot # <u>0007557</u> Exp: <u> </u>				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☐ Ice			
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
		☐ Ice			
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time:

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Email Submittal form to : lab.receiving@floridadep.gov.

Waterbody: <u>Lake Verona GASTD0178</u>		County: <u>Highlands</u>		Date: <u>07/16/2020</u>		
Analyst: <u>Nicole Reistad John Barrington</u>		Signature: <u>[Signature]</u>		STORET:		
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.						
SPECIES		3	6	9	12	Collected? (V)
SPECIES		3	6	9	12	Collected? (V)
Acer rubrum						
Alternanthera philoxeroides		P		P		
Andropogon sp.						
Azolla filiculoides (A. caroliniana)						
Baccharis sp.						
Bacopa caroliniana						
Bacopa monnieri						
Bidens laevis						
Bidens mitis						
Blechnum serrulatum						
Boehmeria cylindrica						
Brasenia schreberi						
Cabomba caroliniana						
Casuarina equisetifolia						
Centella asiatica						
Cephalanthus occidentalis						
Ceratophyllum demersum		P		P		
Chara sp.						
Cladium jamaicense						
Cliftonia monophylla						
Colocasia esculenta			P			
*Commelina sp.						
Crinum americanum						
*Cyperus alternifolius (C. involucratus)						
Cyperus articulatus						
Cyperus haspan		P	P	P	P	
*Cyperus lecontei		P	P	P	P	
*Cyperus polystachyos		P	P	P	P	
*Cyperus odoratus		P	P	P	P	
*Cyperus surinamensis						
Cyrtilla racemiflora						
Decodon verticillatus						
Diodia virginiana			P			
*Echinochloa crus-galli						
*Echinochloa muricatum						
Echinochloa walteri						
Eclipta prostrata (E. alba)						
Egeria densa						
Eichhornia crassipes						
*Eleocharis baldwinii						
*Eleocharis vivipara		P	P	P	P	
Eleocharis cellulosa						
Eleocharis equisetoides						
Eleocharis interstincta						
*Eriocaulon compressum						
*Eriocaulon decangulare						
Eupatorium capillifolium		P		P	P	
*Fuirena						
Fuirena scirpoidea						
Gordonia lasianthus						
Habenaria repens						
Hydrilla verticillata						
Hydrocotyle sp.						
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.						
Leucothoe racemosa (Eubotrys racemosa)						
Limnium spongia						
Limnophila sessiliflora						
Liquidambar styraciflua						
*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						
Bidens alba						
fireweed sedge (Cyperus esculentus)						
yellow nut sedge						
Polypodium procumbens						

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

Site: Lake Verona

G4500178

Date: 07/16/2020

SPECIES	3 6 9 12				Collected? (✓)	SPECIES	3 6 9 12				Collected? (✓)
Myriophyllum aquaticum						Salix caroliniana					
*Myriophyllum heterophyllum						Salvinia minima					
*Myriophyllum laxum						Sambucus canadensis					
*Myriophyllum pinnatum						Sapium sebiferum					
Myriophyllum spicatum						Saururus cernuus					
*Najas filifolia						Schinus terebinthifolius					
*Najas guadalupensis						*Schoenoplectus californicus					
*Najas minor						*Schoenoplectus pungens					
Nelumbo lutea						*Schoenoplectus tabernaemontani (Scirpus validus)					
Nitella spp.						Scirpus cubensis (Oxycaryon cubense)					
Nuphar sp.						Scirpus cyperinus					
Nymphaea odorata						*Sesbania					
Nymphoides aquatica						Solidago sp.					
Nyssa sylvatica var. biflora						Sparganium americanum					
Orontium aquaticum						Spartina bakeri					
Osmunda cinnamomea						Spirodela polyrhiza					
Osmunda regalis						Taxodium sp.					
Panicum hemitomon						Thalia geniculata					
Panicum repens						Thelypteris palustris					
Paspalidium geminatum						Triadenum virginicum					
*Paspalum repens						Typha sp.					
Paspalum urvillei						Urochloa mutica (Brachiaria mutica)					
Peltandra sp.						*Utricularia gibba (U. biflora)					
Persea sp.						*Utricularia floridana					
Pennisetum purpureum						*Utricularia foliosa					
Phragmites australis						*Utricularia inflata					
Pinus elliotii						*Utricularia purpurea					
Pistia stratioides						*Utricularia cornuta					
Pluchea sp.						*Utricularia radiata					
*Polygonum glabrum (densiflorum)						Vallisneria americana					
*Polygonum hydropiperoides						*Websteria confervoides					
*Polygonum punctatum						Wedelia trilobata (Sphagneticola trilobata)					
*Polygonum						Wolffiella spp.					
Pontederia cordata						Woodwardia virginica					
*Potamogeton diversifolius						Xyris sp.					
*Potamogeton illinoensis						Zizania aquatica					
*Potamogeton pusillus						Zizaniopsis milacea					
*Potamogeton pectinatus (Stuckenia pectinatus)											
Proserpinaca pectinata											
*Rhexia											
*Rhynchospora corniculata											
*Rhynchospora inundata											
Rhynchospora tracyi											
Ricciocarpus natans											
Sabal palmetto											
Sacciolepis striata											
*Sagittaria filiformis											
*Sagittaria graminea											
*Sagittaria isoetiformis											
Sagittaria lancifolia											
Sagittaria latifolia											