



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
Yes / No

WIN Station Name: Lake Glenada at Center

Date: 06/17/20

WIN/ Field ID: G4SD0179

WBID: 1813L

Latitude: 27.56372

(mm/dd/yyyy)

County: Highlands

ORG ID: 21FLFTM

Longitude: -81.506230

(Decimal Degrees)

Receiving Body of Water: Kissimmee River

RQ-2020- 04-06-35

(Decimal Degrees)

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Gary Smorek	X	X	X	X	X
Chris Norman		X	X		
Chase Corley					

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Syringe	☐ Pole
☐ Dipper	☐ Other
Depth Measured with Secchi	
Equipment ID Deepor Blue	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: Dry/ Pooled/ Low <u>Normal</u> / High / Flooded		Meter ID# Pro Move	
Photos: <u>Yes</u> / No	Flow: No Flow / Flowing <u>NA</u>	Tide: Rising/ Falling/ Slack/ NA	Tide Times: High Low
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_DDDMMYYYY)

DI Source: _____ Location: _____

☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

Equipment ID: _____

Signature: Gary Smorek Date: 6/17/20

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

(Initials/Date) (Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

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



RQ-2020- _____
Customer: _____
Project ID: _____

Collected By: _____

Field Report Prepared By: _____

Sampling Agency: _____

Field ID/WIN ID Location Lake Glenada @ 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)
6/17/20	1045	7.36	96.0	29.2	8.13	0.3	0.7	3.8	207.8	0.10
EST / CST										
Cental Lab please use top row for login purposes										
		1.30	16.5	28.2	6.81	3.5			208.2	0.10
EST / CST										
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		
		Lot #	SA9354050		Exp:	12/20/20				
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP ☐ W-HARD				☐ Ice ☐ HNO3*		☐ <2		
		Lot #			Exp:					
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice				
		Filter Lot #	17024971		Exp:					
		Syringe Lot #	0067557		Exp:					
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice				
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-Cl-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS				☒ Ice				
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: <i>Lake Glenada</i>		County: <i>Highlands</i>		Date: <i>6/17/20</i>	
Analyst: <i>Chase Conley, Chris Horneth</i>		Signature: <i>[Signature]</i>		STORET:	
Except where noted as "sp." species level identification required. *Genera that may require lab verification* Plants in bold = FLEPPC invasive exotic.				Lake units sampled (circle one group): 1, 4, 7, 10 <u>2, 5, 8, 11</u> 3, 6, 9, 12	
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	2	5	8	11	Collected? (✓)
<i>Acer rubrum</i>	✓		✓		
Alternanthera philoxeroides		✓			
<i>Andropogon</i> sp.					
<i>Azolla filiculoides</i> (<i>A. caroliniana</i>)					
<i>Baccharis</i> sp.					
<i>Bacopa caroliniana</i>					
<i>Bacopa monnieri</i>					
<i>Bidens laevis</i>					
<i>Bidens mitis</i>					
<i>Blechnum serrulatum</i>					
<i>Boehmeria cylindrica</i>					
<i>Brasenia schreberi</i>					
<i>Cabomba caroliniana</i>					
Casuarina equisetifolia					
<i>Centella asiatica</i>					
<i>Cephalanthus occidentalis</i>					
<i>Ceratophyllum demersum</i>					
<i>Chara</i> sp.					
<i>Cladium jamaicense</i>					
<i>Cliftonia monophylla</i>					
Colocasia esculenta					
* <i>Commelina</i>		✓		✓	
<i>Crinum americanum</i>					
*Cyperus alternifolius (<i>C. involucratus</i>)					
<i>Cyperus articulatus</i>					
<i>Cyperus haspan</i>					
* <i>Cyperus lecontei</i>					
* <i>Cyperus polystachyos</i>					
* <i>Cyperus odoratus</i>					
* <i>Cyperus surinamensis</i>					
<i>Cyrtilla racemiflora</i>					
<i>Decodon verticillatus</i>					
<i>Diodia virginiana</i>					
* <i>Echinochloa crus-galli</i>					
* <i>Echinochloa muricatum</i>					
<i>Echinochloa walteri</i>					
<i>Eclipta prostrata</i> (<i>E. alba</i>)					
Egeria densa					
Eichhornia crassipes					
* <i>Eleocharis baldwinii</i>					
* <i>Eleocharis</i>		✓			
<i>Eleocharis cellulosa</i>		✓		✓	
<i>Eleocharis equisetoides</i>					
<i>Eleocharis interstincta</i>					
* <i>Eriocaulon compressum</i>					
* <i>Eriocaulon decangulare</i>		✓		✓	
<i>Eupatorium capillifolium</i>		✓		✓	
* <i>Fuirena</i>					
<i>Fuirena scirpoidea</i>					
<i>Gordonia lasianthus</i>					
SPECIES	2	5	8	11	Collected? (✓)
<i>Habenaria repens</i>					
Hydrilla verticillata	✓	✓	✓		
<i>Hydrocotyle</i> sp.					
Hygrophila polysperma					
* <i>Hypericum fasciculatum</i>					
* <i>Hypericum hypericoides</i>					
* <i>Hypericum myrtifolium</i>					
<i>Ilex cassine</i>					
Ipomoea aquatica					
<i>Ipomoea sagittata</i>					
<i>Itea virginica</i>					
<i>Juncus effusus</i>					
* <i>Juncus marginatus</i>					
* <i>Juncus megacephalus</i>					
<i>Juncus repens</i>					
* <i>Juncus scirpoides</i>					
<i>Lachnanthes caroliniana</i>					
<i>Leersia hexandra</i>					
Landoltia punctata (<i>Spirodela punctata</i>)					
<i>Lemna</i> sp.					
<i>Leucothoe racemosa</i> (<i>Eubotrys racemosa</i>)					
<i>Limnium spongia</i>					
Limnophila sessiliflora					
<i>Liquidambar styraciflua</i>					
* <i>Ludwigia arcuata</i>					
* <i>Ludwigia leptocarpa</i>					
* <i>Ludwigia linearis</i>					
* <i>Ludwigia octovalvis</i>					
*Ludwigia peruviana	C	✓	✓	✓	
* <i>Ludwigia repens</i>					
* <i>Ludwigia</i>					
<i>Luziola fluitans</i> (<i>Hydrochloa carolinensis</i>)					
<i>Lyonia lucida</i>					
<i>Magnolia virginiana</i>					
<i>Mayaca fluviatilis</i>					
Melaleuca quinquenervia					
<i>Micranthemum glomeratum</i>					
<i>Micranthemum umbrosum</i>					
<i>Mikania scandens</i>	✓	✓	✓	✓	
Mimosa pigra					
<i>Myrica cerifera</i>					

Site: Lake GranadaDate: 6/17/20

SPECIES

25811

Collected?
(✓)

SPECIES

25811

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 elliotii

Pistia stratioides

Pluchea sp.

*Polygonum glabrum (densiflorum)

*Polygonum hydropiperoides

*Polygonum punctatum

*Polygonum densiflorum

Pontederia cordata

*Potamogeton diversifolius

*Potamogeton illinoensis

*Potamogeton pusillus

*Potamogeton pectinatus (Stuckenia pectinatus)

Proserpinaca pectinata

*Rhexia

*Rhynchospora corniculata

*Rhynchospora inundata

Rhynchospora tracyi

Ricciocarpus natans

Sabal palmetto

Sagittaria striata

*Sagittaria filiformis

*Sagittaria graminea

*Sagittaria isoetiformis

Sagittaria lancifolia

Sagittaria latifolia

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.

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

*Websteria confervoides

Wedelia trilobata (Sphagneticola trilobata)

Wolffiella spp.

Woodwardia virginica

Xyris sp.

Zizania aquatica

Zizaniopsis milacea

Serenoa repensTropical Soda AppleVitis rotAir potatoPaspalum sp.Urna lobataMorning gloryEucalyptusPanicum maximumQuercus laurifoliaBambooHemlockEustachyos sp.Papaya PapayaLeather fern