



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: _____

Date: 05/14/2019
(mm/dd/yyyy)

WIN/ Field ID: _____

WBID: 1504 A

Latitude: 28.09230

(Decimal Degrees)

County: Polk County

ORG ID: 21FLTPA

Longitude: -81.66740

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2019-05-20-04

Field ID/WIN

G3SW0048



Site Name: Lake Henry @ Center

WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>Secchi</u>		
Equipment ID: <u>Secchi #1</u>		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☒ Gasoline Motor	

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

Meter ID# KEYS

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Interstitial / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High Low

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	1005	3.4	0.3	0.6	7.47	94.3	7.43	0.09	188	27.36
	1007		2.9		0.14	1.9	6.49	0.09	203	27.12

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

SBIO ID Numbers: SBIO-ID: 79821 HA-ID: 16065 RPS-ID: _____ Macrophyte-ID: 11378 LIMS#: 2086338

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	<u>SA8344070</u>	<u>12/10/19</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ 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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: _____

Place Label Here

Signature: [Signature] Date: 05/14/2019

LIMS EVENT ID: 2019-05-15-01

WIN Import ID: 14118

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 06/18/2019

QC Station ID, Field Parameters In LIMS DMT: 07/23/2019 SM

Scan/Save Field Sheets SM 09/16/2019

Migrate Data to WIN: SM 08/21/2019

Verify Data In WIN: SM 09/16/2019

(Initials/Date)

(Initials/Date)

(Initials/Date)



SAMPLE ID: see sticker in upper right MACROPHYTE ID: 11378
COUNTY: _____ WBID: 1504A
LAKE SIZE: _____ TIME: 1005
SAMPLING AGENCY: FLDEP SW ROC

Site Name: Lake Harvey Center

WATERSHED / LAKESIDE FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category - from GIS):										LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)											
Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)	LDI: _____													
<u>30</u>				<u>70</u>																	
Local Watershed Erosion (select one): ☒ None ☐ Slight ☐ Moderate ☐ Heavy										Artificially Impounded ☐ Yes ☒ No											
Local Watershed NPS Pollution: ☐ No evidence ☒ Slight ☐ Moderate ☐ Heavy										Land Use Source & Year:											
STORMWATER INPUTS		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										
<u>7</u>		20	19	18	17	16	15	14	13	12	11	10	9	8	<u>7</u>	6	5	4	3	2	1
LAKESIDE ALTERATIONS		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)			Many structures, roads or other human disturbance visible (50%-70% lakeside affected)			Highly developed or disturbed (>70% of lakeside affected)										
<u>6</u>		20	19	18	17	16	15	14	13	12	11	10	9	8	7	<u>6</u>	5	4	3	2	1
BUFFER ZONE		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										
<u>8</u>		20	19	18	17	16	15	14	13	12	11	10	9	<u>8</u>	7	6	5	4	3	2	1

WATER / SUBSTRATE / BIOLOGICAL: SAMPLES AND OBSERVATIONS

Water:								Water Odors:			
Nutrient Sample Taken? ☒ Yes ☒ No ^{FF} Preserved? ☒ Yes ☒ pH<2 ☐ No								☒ Normal			
Color Sample Taken? ☒ Yes ☒ No Lot # _____ Exp. Date: _____								☐ Sewage ☐ Petroleum ☐ Other _____			
Alkalinity Sample Taken? ☒ Yes ☐ No								Water Surface Oils: ☒ None			
Water Level ☐ Low ☒ Normal ☐ High								☐ Sheen/Slick ☐ Glob ☐ Other _____			
Meter Readings:	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat. (%)	Cond. (UMHO/CM)	Salinity (PPT)	Clarity:		Color:	
Top:	<u>0.3</u>	<u>27.36</u>	<u>7.43</u>	<u>7.47</u>	<u>94.3</u>	<u>188</u>	<u>0.09</u>	☒ Opaque ☐ Turbid	☐ Clear	☐ Tannic ☒ Green	
Mid-Depth:								☐ Slightly Turbid			
Bottom:	<u>2.9</u>	<u>27.12</u>	<u>6.49</u>	<u>0.14</u>	<u>1.9</u>	<u>203</u>	<u>0.09</u>				
Meter ID: <u>KEYS</u>								SECCHI (M) <u>0.6</u>		Total Station Depth (M) <u>0.6 3.4</u>	
Sediment Type: (may check more than one)								Sediment Odors:			
☐ Sandy ☐ Organic fibrous (peaty, CPOM) ☐ Vegetated								☒ Normal ☐ Other (Specify): _____			
☐ Sand/Silt ☒ Organic smooth (muck) ☐ Other (Specify): _____								☐ Anaerobic			
Biological Communities:				Abundance:				Additional Notes:			
LVI Conducted? ☒ Yes ☐ No				Absent Rare Common Abundant							
Phytoplankton Sample Taken? ☐ Yes ☒ No				Periphyton ☒ ☐ ☐ ☐							
Sample Preserved? ☐ Yes ☒ No				Nuisance Plants ☐ ☐ ☒ ☐							
Lot #: _____ Exp Date: _____				Submersed Plants ☒ ☐ ☐ ☐							
Algal Bloom/Algal ID Sample Taken? Yes ☒ No ☐				Exotic Apple Snails ☐ ☒ ☐ ☐							
Active Vegetation Mgmt? ☐ Yes ☐ No ☒ Don't Know											
Weather Conditions: <u>full cloud coverage turned into rain</u>											
SAMPLING TEAM: <u>Kalinn Warren, Nia W, Nicole R and Fransko Farin</u>								SIGNATURE: _____		DATE: <u>05/14/19</u>	

DEP Form FD 9000-6: Lake Habitat Assessment Field Sheet

STORET STATION NUMBER: SEE STICKER UPPER RIGHT		LAKE SIZE:		LAKE NAME <u>Lake Henry</u>		FIELD ID / NAME: PUT STICKER ^	
ECO-REGION:		COUNTY: <u>Polk</u>		SAMPLING LOCATION/DESCRIPTION:			
PARAMETER		No surface inflow or outflow present, very long water residence time, groundwater seepage dominates		Surface water inflow present, but flow is rare, moderate to long water residence time		Surface water inflow and outflow present (or outflow only), sometimes with visible flow, short water residence time	
HYDROLOGY		☐		☒		☐	
Color		Very clear, uncolored water (benthic sampling appropriate) ☐		Water somewhat tannin stained (benthic sampling appropriate) ☐		Dark, discolored water (water color 20 PCU or higher) ☒	
		Visibility extremely reduced due to high color ☐					
		Optimal		Suboptimal		Marginal	
Secchi		Secchi > 3 m		Secchi(m)		Secchi(m)	
<u>6</u>		20 19 18 17 16		15 14 13 12 11		10 9 8 7 6	
Vegetation Quality		Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa		Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants		Large masses (21%-40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats	
<u>13</u>		20 19 18 17 16		15 14 <u>13</u> 12 11		10 9 8 7 6	
Stormwater Inputs		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	
<u>7</u>		20 19 18 17 16		15 14 13 12 11		10 9 8 <u>7</u> 6	
Bottom Substrate Quality		Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present		Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present		Moderate layer of CPOM/mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom	
<u>4</u>		20 19 18 17 16		15 14 13 12 11		10 9 8 7 6	
Lakeside Adverse Human Alterations		Very few man-made structures, roads, or other disturbance adjacent to lake (<10%)		Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected		Many structures, roads or other human disturbance visible (50%-70%) lakeside affected	
<u>7</u>		20 19 18 17 16		15 14 13 12 11		10 9 8 <u>7</u> 6	
Upland Buffer Zone		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	
<u>8</u>		20 19 18 17 16		15 14 13 12 11		10 9 <u>8</u> 7 6	
Adverse Watershed Land Use		Score the potential effects from adverse human land uses, based on a continuum of amount and type, with least to most adverse as follows: Native vegetation, Silviculture, Pasture or Citrus, Low Density Residential, Row Crops, Commercial, High Density Residential, Urban, Industrial					
<u>7</u>		20 19 18 17 16		15 14 13 12 11		10 9 8 <u>7</u> 6	

TOTAL SCORE

52

COMMENTS:

ANALYSIS DATE:

5/14/19

ANALYST:

Francisco Faria

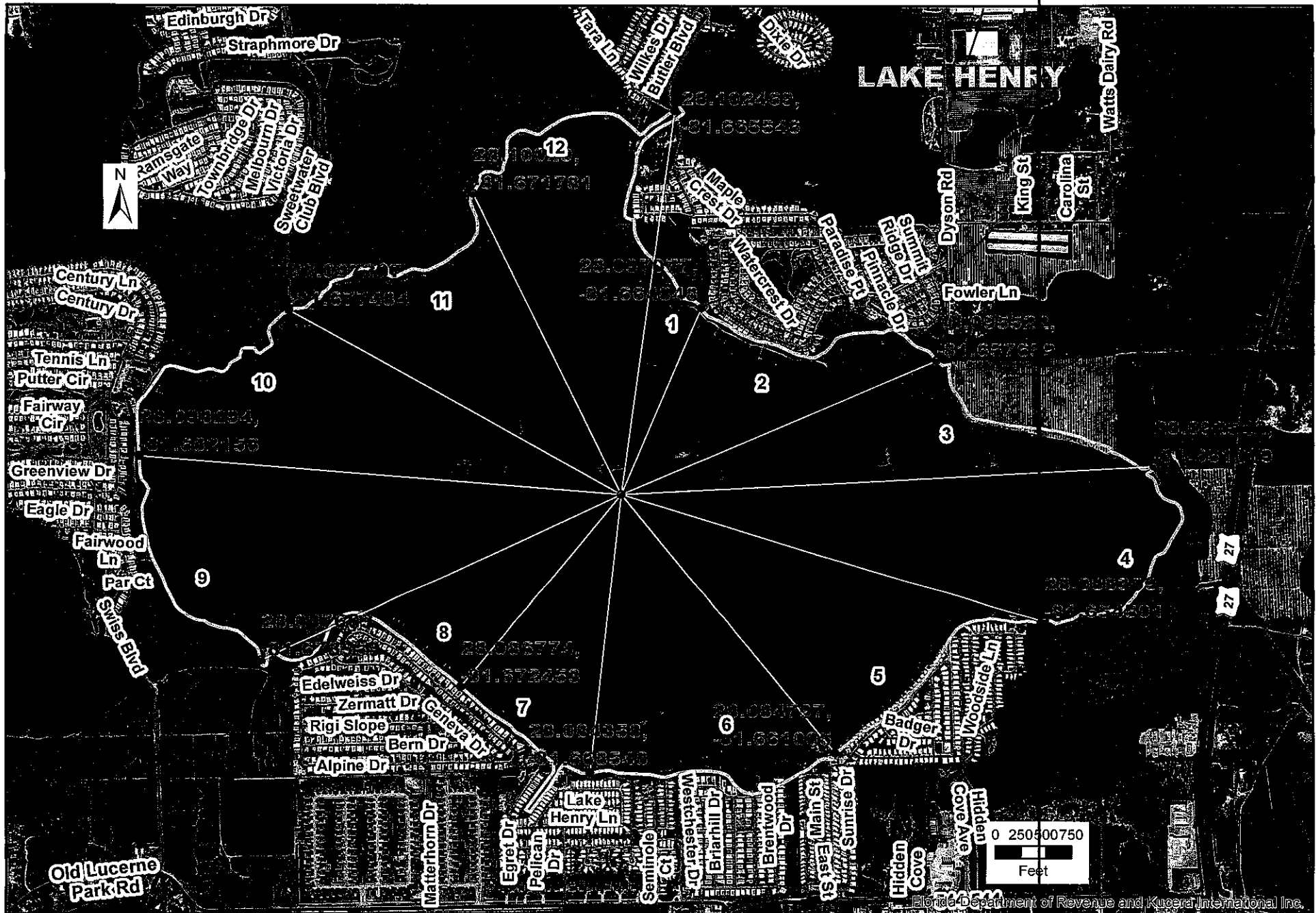
SIGNATURE:

[Signature]

↑
Sign here

LVI Map for , WBID 1504A

427



Waterbody: <u>Lake Henry</u>	County: <u>POLK</u>	Date: <u>5/14/2019</u>
Analyst: <u>Kaline D. Niall, Nick & Frances</u>	Signature: <u>[Signature]</u>	STORET:
Except where noted as "sp." species level identification required. *Genera that may require lab verification*		Lake units sampled (circle one group):
Plants in bold = FLEPPC invasive exotic.		1, 4, 7, 10 <u>2, 5, 8, 11</u>
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.		3, 6, 9, 12

SPECIES	2	5	8	11	Collected? (✓)	SPECIES	2	5	8	11	Collected? (✓)
Acer rubrum	/	/	/	/		Habenaria repens					
Alternanthera philoxeroides	/		/	/		Hydrilla verticillata					
Andropogon sp.						Hydrocotyle sp.	/		/	/	
Azolla filiculoides (A. caroliniana)	/					Hygrophila polysperma					
Baccharis sp.	/					*Hypericum fasciculatum					
Bacopa caroliniana						*Hypericum hypericoides					
Bacopa monnieri						*Hypericum myrtifolium					
Bidens laevis						Ilex cassine					
Bidens mitis						Ipomoea aquatica					
Blechnum serrulatum						Ipomoea sagittata					
Boehmeria cylindrica						Itea virginica					
Brasenia schreberi						Juncus effusus					
Cabomba caroliniana						*Juncus marginatus					
Casuarina equisetifolia						*Juncus megacephalus					
Centella asiatica						Juncus repens					
Cephalanthus occidentalis	/		/	/		*Juncus scirpoides					
Ceratophyllum demersum						Lachnanthes caroliniana					
Chara sp.						Leersia hexandra					
Cladium jamaicense						Landoltia punctata (Spirodela punctata)					
Cliftonia monophylla						Lemna sp.	/				
Colocasia esculenta	/	/	/	/		Leucothoe racemosa (Eubotrys racemosa)					
*Commelina						Limnobia spongia					
Crinum americanum						Limnophila sessiliflora					
*Cyperus alternifolius (C. involucratus)						Liquidambar styraciflua					
Cyperus articulatus						*Ludwigia arcuata					
Cyperus haspan						*Ludwigia leptocarpa	/		/	/	
*Cyperus lecontei						*Ludwigia linearis					
*Cyperus polystachyos						*Ludwigia octovalvis					
*Cyperus odoratus						*Ludwigia peruviana	/		/	/	
*Cyperus surinamensis						*Ludwigia repens					
Cyrilla racemiflora						*Ludwigia					
Decodon verticillatus						Luziola fluitans (Hydrochloa carolinensis)					
Diodia virginiana						Lyonia lucida					
*Echinochloa crus-galli						Magnolia virginiana				/	
*Echinochloa muricatum						Mayaca fluviatilis					
Echinochloa walteri						Melaleuca quinquenervia					
Eclipta prostrata (E. alba)						Micranthemum glomeratum					
Egeria densa						Micranthemum umbrosum					
Eichhornia crassipes	/		/	/		Mikania scandens	/		/	/	
*Eleocharis baldwinii						Mimosa pigra					
*Eleocharis						Myrica cerifera	/	/	/	/	
Eleocharis cellulosa											
Eleocharis equisetoides											
Eleocharis interstincta											
*Eriocaulon compressum											
*Eriocaulon decangulare											
Eupatorium capillifolium											
*Fuirena											
Fuirena scirpoidea	/	/	/	/							
Gordonia lasianthus											

Field ID/WIN

G3SW0048



Site Name: Lake Henry @ Center

Date: 05/14/2019

SPECIES					Collected? (✓)	SPECIES					Collected? (✓)
	2	5	8	11			2	5	8	11	
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 polyrrhiza					
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 (Sphagnetocola 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											

Request Number: RQ-2019-05-20-04

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Page 1 of 2

last revised Jan 25, 2018

~~Lakes, Harvey, Williams, Amistead~~

Henry, Conine, Gibson

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Ben Paswater + a bunch

Sampling Agency:

Ben Paswater
FWROC SROC
TALLY

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/14/19 Time 1150	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)
Field ID/WIN G3SW0044		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.15	Total Res. Chlorine (mg/L)		A
Site Name: Lake Conine @ Center		Temp (C) 27.8	pH 8.04	Sample Depth 0.3	Sp. Conductance (umho/cm) 233.2		
☐ dd ☐ dms		Salinity (ppt)	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/14/19 Time 1300	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID/WIN G3SW0048		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.47	Total Res. Chlorine (mg/L)		A
Site Name: Lake Henry @ Center		Temp (C) 27.86	pH 7.43	Sample Depth 0.3	Sp. Conductance (umho/cm) 188		
☐ dd ☐ dms		Salinity (ppt)	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 5/14/19 Time 1300	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID/WIN G3SW0046		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.44	Total Res. Chlorine (mg/L)		A
Site Name: Lake Gibson @ Center		Temp (C) 27.3	pH 8.85	Sample Depth 0.3	Sp. Conductance (umho/cm) 203.1		
☐ dd ☐ dms		Salinity (ppt)	Comments				
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Eastern Central	Composite end Date	Time	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine (mg/L)		
WIN/STORET #		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)		
Latitude		Longitude	Salinity (ppt)	Comments			
☐ dd ☐ dms		☐ dd ☐ dms					

Relinquished By: Ben Paswater	Date/Time 5/14/19	Shipping Method Fed Ex	Number of Coolers Shipped:	Received By:	Date/Time
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Cooler Packing Worksheet for Request: RQ-2019-05-13-68

Lake Fest 19

Ship Cooler On: 5/9/2019

Customer/Project: SW-DIST/LAKESREF

Assigned To: REYNOLDS_T
Requester: Benjamin Paswater
Priority: 3

813-632-7600
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

Attn: Ben Paswater

Comments:

No preservatives needed.

Group A: Nutrients, Metals, Phytoplankton

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00073319

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: 2 Preservation: ICE

Lot # 1248230

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: BP-1L

Qty: 2 Preservation: Lugols

Lot # 1248230

Description: Brown Plastic Bottle 1L

Analysis

DTY-QN-C

PKD-QN-C

Description

No. of diatom taxa of quantitative phytoplankton sample.

No. of wet taxa of quantitative phytoplankton sample.

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00073297

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: 2 Preservation: ICE And H2SO4

Lot # 00073297

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: 2 Preservation: FILTER-ICE

Lot # 00072954

Description: Plastic Bottle 125 mL

Analysis

W²PO4-F

Description

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

Cooler Packed By: Tyler R. Number of Coolers: 1 Date: 05/08/19

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-2019-05-13-68