FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF ____

Data Qualified? Yes / (No)

(1)

Location/STORET Station Name: Lake Josephine **Date:** 06/19/2018 (mm/dd/yyyy)

STORET # G1SW0105 **WBID:** 1519B **Latitude:** 28.110242 (Decimal Degrees)

County: Hillsbrough **RQ -** 2018-06-18-03 **ORG ID:** 21FLTPA **Longitude:** -82.562221 (Decimal Degrees)

Receiving Body of Water: Lake Ellen **Field ID:** G1SW0105

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashton		X		X	X
Sarah Meyer	X		X		

Sampling Equipment

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

Collection Method

- [ ] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat
- [x] Canoe/Kayak
- [x] Electric Motor
- [ ] Gasoline Motor

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

Matrix: (Fresh) / Marine / DI

Meter ID# Chewy **Photos:** (Yes) / No

Tide Falling: Yes / No / (NA)

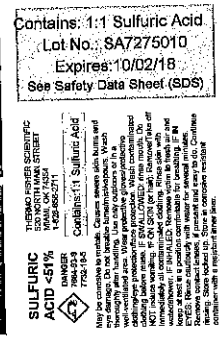
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1035	0.3	2.7	6.58	88.8	6.85	0.11	0.6	231.5	31.6
CEN		2.2		0.30	3.9	6.34	0.11		231.0	28.4

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

SBIO ID Numbers: SBIO-ID: 18718 RPS-ID: ~~~~ Macrophyte-ID: 11016 LIMS#: 2002252

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H_2SO_4	SA7275010	10/02/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <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 ☐ qPCR	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)



Sticker(s) Here (if available)

Notes:
Contact Mr. Spurlino, 7214 Mobley Rd. Spurlinoj2@aol.com
813-926-9311
CAN USE THEIR CANOE IF NEEDED
* DO NOT BLOCK DRIVE!! PARK IN STREET

Field ID/WIN G1SW0105

Site Name: Lake Josephine

Signature: Sarah Meyer Spurlinoj2@aol.com **Date:** 06/19/2018

Field Parameters Entered into LIMS: SM 08/13/2018 (Initials/Date) Field Parameters QC in LIMS: SM 09/05/2018 (Initials/Date)

Date Migrated to STORET: SM 09/06/2018 (Initials/Date) Field Sheets Scanned/Saved: SM 09/13/2018 (Initials/Date)

DEP-SOP-001/01: Form FD 9000-31 (9/19/12)

LAKE OBSERVATION FIELD SHEET

SAMPLE ID: _____ MACROPHYE ID: _____ LATITUDE: _____

COUNTY: Hills. STORET #: 61SW0105 LONGITUDE: _____

DATE: 6-19-18 TIME: 1035 SAMPLING AGENCY: FDEP

SITE NAME: LAKE JOSEPHINE WBID: 1519B

FIELD ID/NAME: _____ LAKE SIZE: SMALL RQ: 2018-06-18-03

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)
5		5		90			

LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)

LDI: _____

Land Use Source & Year:

Local Watershed Erosion (select one) : ☐ None ☒ Slight ☐ Moderate ☐ Heavy

Local Watershed NPS Pollution : ☐ No evidence ☐ Slight ☒ Moderate ☐ Heavy

Artificially Impounded ☐ Yes ☒ No

STORMWATER INPUTS: 15	Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation 20 19 18 17 16	Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place 15 14 13 12 11	Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place 10 9 8 7 6	Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place 5 4 3 2 1
LAKESIDE ALTERATIONS: 6	Very few man-made structures, roads, or other disturbance adjacent to lake (<10% lakeside affected) 20 19 18 17 16	Moderate disturbance visible - structures, roads or other (10%-49% lakeside affected) 15 14 13 12 11	Many structures, roads or other human disturbance visible (50%-70% lakeside affected) 10 9 8 7 6	Highly developed or disturbed (>70% of lakeside affected) 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 20 19 18 17 16	89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer 15 14 13 12 11	50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer 10 9 8 7 6	< 29% of shoreline with >18m buffer 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:	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat. (%)	Cond. (UMHO/CM)	Salinity (PPT)
Top:	0.3	31.6	6.85	6.53	88.8	231.5	0.11
Mid-Depth:							
Bottom :	2.2	28.4	6.34	0.30	3.9	231.0	0.11
Meter ID:							

Clarity: ☒ Clear ☐ Opaque ☐ Turbid ☐ Slightly Turbid

Color: ☐ Clear ☒ Tannic ☐ Green

SECCHI (M) 0.6 VOB ☐

Total Station Depth (M) 2.7

Sediment Type: (may check more than one) Sample Taken? ☐ Yes ☒ No

☒ Sandy ☐ Organic fibrous (peaty, CPOM) ☐ Vegetated

☐ Sand/Silt ☐ Organic smooth (muck) ☐ Other (Specify): _____

Sediment Odors:

☒ Normal ☐ Other (Specify): _____

☐ Anaerobic

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:

Weather Conditions :

SAMPLING TEAM:	SIGNATURE:	DATE:
Judy Ashton, Sarah Meyer	Judy Ashton	6-19-18

STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION

Lake Habitat Assessment Field Sheet

STORET STATION NUMBER: 21FLWQ105	DATE (M/D/Y): 6-19-18	LAKE NAME: LAKE JOSEPHINE	FIELD ID / NAME:
ECO-REGION:	COUNTY: HILLS.	SAMPLING LOCATION/DESCRIPTION:	LAKE SIZE: SMALL

PARAMETER				
HYDROLOGY	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 ☒	Impounded, hydrology of system artificially controlled ☐
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	Poor
Secchi [6]	Secchi >3 m / Secchi(m)	3 | 2.6 | 2.2 | 1.8 | 1.4	1.0 | 0.9 | 0.8 | 0.7 | 0.6	0.5 | 0.4 | 0.3 | 0.2 | 0.1
	Or VOB: 20 | 19 | 18 | 17 | 16	15 | 14 | 13 | 12 | 11	10 | 9 | 8 | 7 | (6)	5 | 4 | 3 | 2 | 1
Vegetation Quality [15]	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	Lake choked (>40%) with nuisance macrophytes (duck-weed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed)
	20 | 19 | 18 | 17 | 16	(15) | 14 | 13 | 12 | 11	10 | 9 | 8 | 7 | 6	5 | 4 | 3 | 2 | 1
Stormwater Inputs [15]	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
Bottom Substrate Quality [14]	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	Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom
	20 | 19 | 18 | 17 | 16	15 | (14) | 13 | 12 | 11	10 | 9 | 8 | 7 | 6	5 | 4 | 3 | 2 | 1
Lakeside Adverse Human Alternations [9]	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)	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
Upland Buffer Zone [3]	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
Adverse Watershed Land Use [12]	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			
	20 | 19 | 18 | 17 | 16	15 | 14 | 13 | (12) | 11	10 | 9 | 8 | 7 | 6	5 | 4 | 3 | 2 | 1

TOTAL SCORE	81	COMMENTS:

ANALYSIS DATE: 6-19-18	ANALYST: JMOY ASHTON SARAH MEYER	SIGNATURE:

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Date: 06/19/2018	Waterbody: Lake Josephine	County: Hills
STORET: GISWQ105	Signature: [signature]	Analyst: J Ashton + S Meyer

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	X		X		
Alternanthera philoxeroides	X	X	X	X	
Andropogon sp.					
Azolla filiculoides (A. caroliniana)					
Baccharis sp.	X				
Bacopa caroliniana					
Bacopa monnieri					
Bidens laevis					
Bidens mitis					
Blechnum serrulatum	X	X	X		
Boehmeria cylindrica		X	X		
Brasenia schreberi					
Cabomba caroliniana					
Casuarina equisitifolia	X				
Centella asiatica					
Cephalanthus occidentalis		X	X		
Ceratophyllum demersum					
Chara sp.					
Cladium jamaicense					
Cliftonia monophylla					
Colocasia esculenta			X		
*Commelina				X	
Crinum americanum					
***Cyperus alternifolius** (C. involucratus)					
Cyperus articulatus					
Cyperus ~~haspan~~ prolifera	X	X		X	✓
*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	X			X	
*Eleocharis baldwinii					
*Eleocharis					
Eleocharis cellulosa					
Eleocharis equisetoides					
Eleocharis interstincta					
*Eriocaulon compressum					
*Eriocaulon decangulare					
Eupatorium capillifolium		X			

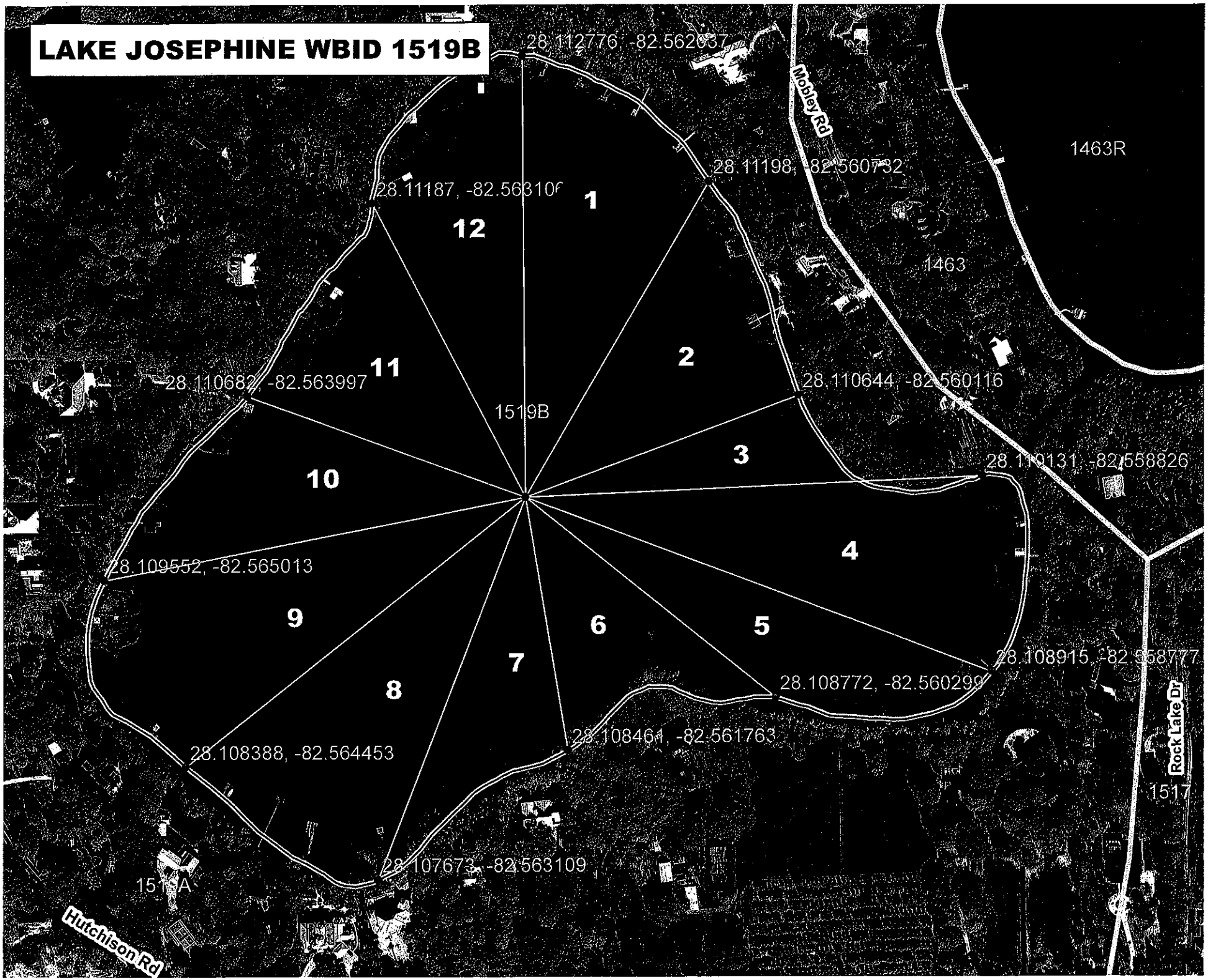
SPECIES	1	4	7	10	Collected? (√)
*Fuirena					
Fuirena scirpoidea					
Gordonia lasianthus					
Habenaria repens					
Hymenachne amplexicaulis					
Hydrilla verticillata					
Hydrocotyle sp.	X	X	X	X	
Hygrophila polysperma					
*Hypericum fasciculatum					
*Hypericum hypericoides					
*Hypericum myrtifolium					
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.	X				
Leucothoe racemosa (Eubotrys racemosa)					
Limnobium spongia					
Limnophila sessiliflora					
Liquidamber styraciflua					
*Ludwigia arcuata					
*Ludwigia leptocarpa					
*Ludwigia linearis					
*Ludwigia octovalvis					
***Ludwigia peruviana**	X	X		X	
*Ludwigia repens					
*Ludwigia					
Luziola fluitans (Hydrochloa carolinensis)					
Lyonia lucida					
Eleocharis vivipara	X	X		X	

Site: LAKE JOSEPHINE

Date: 6-19-18

SPECIES	1	4	7	10	Collected? (√)
Magnolia virginiana					
Mayaca fluviatilis					
Melaleuca quinquenervia	X	X	C		
Micranthemum glomeratum					
Micranthemum umbrosum					
Mikania scandens	X				
Mimosa pigra					
Myrica cerifera	X		X		
Myriophyllum aquaticum		X			
*Myriophyllum heterophyllum					
*Myriophyllum laxum					
*Myriophyllum pinnatum					
Myriophyllum spicatum					
*Najas filifolia					
*Najas guadalupensis					
*Najas minor					
Nelumbo lutea					
Nitella spp.					
Nuphar sp.	C	X	X	X	
Nymphaea odorata					
Nymphoides aquatica					
Nyssa sylvatica var. biflora					
Orontium aquaticum					
Osmunda cinnamomea					
Osmunda regalis					
Panicum hemitomon	X		X		
Panicum repens	C	X	X	D	
Paspalidium geminatum					
*Paspalum repens					
Paspalum urvillei					
Peltandra sp.					
Persea sp.			X		
Pennisetum purpureum					
Phragmites australis					
Pinus elliottii					
Pistia stratioides	X				
Pluchea sp.				X	
*Polygonum glabrum (densiflorum)					
*Polygonum hydropiperoides				X	
*Polygonum punctatum					
*Polygonum sp.					
Pontederia cordata	X	X		X	
*Potamogeton diversifolius					
*Potamogeton illinoensis					
*Potamogeton pusillus					
*Potamogeton pectinatus					
Proserpinaca pectinata					
*Rhexia					
*Rhynchospora corniculata					
*Rhynchospora inundata					
Rhynochospora tracyi					
Ricciocarpus natans					

SPECIES	1	4	7	10	Collected? (√)
Sabal palmetto					
Sacciolepis striata		X			✓
*Sagittaria filiformis					
*Sagittaria graminea					
*Sagittaria isoetiformis					
Sagittaria lancifolia	X	X		X	
Sagittaria latifolia					
Salix caroliniana		X			
Salvinia minima	X	X			
Sambucus canadensis					
Sapium sebiferum		X			
Saururus cernuus					
Schinus terebinthifolius			X		
*Schoenoplectus californicus (Cali bulrush)	X				
*Schoenoplectus pungens (three square)					
*Schoenoplectus tabernaemontani (softsteam)					
Scirpus cubensis (Oxycaryon cubense)					
Scirpus cyperinus					
*Sesbania					
Solidago sp.					
Sparganium americanum					
Spartina bakeri					
Sphagneticola trilobata (Wedelia)					
Spirodela polyrhiza					
Taxodium sp.	X	D	C	X	
Thalia geniculata	X				
Thelypteris palustris					
Triadenum virginicum					
Typha sp.				X	
Urochloa mutica (Brachiaria mutica)					
*Utricularia gibba (U. biflora)					
*Utricularia floridana					
*Utricularia foliosa					
*Utricularia inflata					
*Utricularia purpurea					
*Utricularia cornuta					
*Utricularia radiata					
Vallisneria americana	X				
*Websteria confervoides					
Wolffiella spp.					
Woodwardia virginica					
Xyris sp.					
Zizania aquatica					
Zizaniopsis milacea					
Wedelia	X	X			
Nymphoides cristata		X			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28.112776, -82.562037
28.11198, -82.560732
28.11187, -82.563106
1
12
2
11
28.110682, -82.563997
28.110644, -82.560116
1519B
3
10
28.110131, -82.558826
4
28.109552, -82.565013
9
6
5
7
28.108915, -82.558777
8
28.108772, -82.560299
28.108461, -82.561763
28.108388, -82.564453
28.107673, -82.563109
1463R
1463
1517
1517A
Mobley Rd
Rock Lake Dr
Hutchison Rd

Request Number: RQ-2018-06-18-03

LVI Lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: J Ashton & S Meyer

Field Report Prepared By: S Meyer

Sampling Agency: FDEP SW ROC

Location

Field ID/WIN: G1SW0072

Site Name: Sunshine Lake

Latitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 06/19/2018 Time 1204 | Eastern / Central | Composite end Date / Time | Bottle Group(s) (See pg 2): A

Field ID | Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 8.41 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

WIN/STORET # | Temp (C): 32.4 | pH: 7.57 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 109.1

Salinity (ppt): 0.05 | Comments:

Location

Field ID/WIN: G1SW0105

Site Name: Lake Josephine

Latitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 06/19/2018 Time 1035 | Eastern / Central | Composite end Date / Time | Bottle Group(s): A

Field ID | Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 6.53 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

WIN/STORET # | Temp (C): 31.6 | pH: 6.85 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 231.5

Salinity (ppt): 0.11 | Comments:

Location

Latitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date / Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Location

Latitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date / Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | 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
Sarah Meyer	06/19/2018 1600	FedEx	1		

Ref:
Dep:

Date: 07Jun18
Wgt: 5.00 LBS

DV: 0.00

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

SVCS: PRIORITY OVERNIGHT
TRCK: 4385 5030 2953

Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	2	

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: A	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	2	

CHLSUITE-W

Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 2	Preservative: ICE	**Enter Number of Bottles Sent to Lab**	2	

ENT-24-QT

Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	2	

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

H2SO4
LOT# SA7275010
EXP: 10/02/2018

Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	**Enter Number of Bottles Sent to Lab**	2	

W-PO4-F