

**CHECK LIST FOR WATER CHEMISTRY DATA ASSOCIATED WITH LVI
BIOASSESSMENT**

RQ#: 2016-06-20-45 EventID# _____

Sampling Date: 6-23-16 Sampling Crew: J. Ashton, A. Stevenson,
S. Cunningham

LAKE WAARELC

Site(s)/STORET #: 655W0030

STORET /LIMS:

Sonde: Pass/ failed CCV

Parameter(s): _____

- ☐ 1. Spread Sheet (LIMS Input) _____ / _____
Initials Date
- ☐ 2. QC 1 _____ / _____ ☐ 3. QC 2 _____ / _____
Initials Date Initials Date
- ☐ 4. SIM File Generated _____ / _____
Initials Date
- ☐ 5. STORET Upload _____ / _____
Initials Date

Biology:

SBIO ID# _____

VPDB ID# _____

- ☐ 6. Site and Event established in SBio?
- ☐ 7. Habitat Data and YSI Entered Into SBIO _____ / _____
Initials Date
- ☐ 8. Habitat Data and YSI QC _____ / _____
Initials Date
- ☐ 9. SBio data marked complete _____ / _____
Initials Date
- ☐ 10. Macrophyte Data Entered into VPDB _____ / _____
Initials Date
- ☐ 12. Field Paperwork Filed In Biology Lab _____ / _____
Initials Date
- ☐ 13. Macrophyte Data QC _____ / _____ 11. Macrophyte Data Marked Complete _____ / _____

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: _____ MACROPHYTE ID: _____ LATITUDE: 28.2839N
 COUNTY: Alameda STORET #: 655100030 LONGITUDE: 82.6688W
 DATE: 6-23-16 TIME: 13:55 SAMPLING AGENCY: FDAS
 SITE NAME: LAKE MONTELEONE WBID: 1432A
 FIELD ID/NAME: _____ LAKE SIZE: L RQ: 2015-06-2045

WATERSHED / LAKESIDE FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category – from GIS) : Forest/Natural <u>15</u> Silviculture _____ Field/Pasture _____ Agricultural <u>85</u> Residential _____ Commercial _____ Industrial _____ Other (Specify) _____				LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer) LDI: _____	
Local Watershed Erosion (select one) : ☐ None ☒ Slight ☐ Moderate ☐ Heavy Local Watershed NPS Pollution : ☐ No evidence ☐ Slight ☒ Moderate ☐ Heavy				Artificially Impounded ☐ Yes ☒ No Land Use Source & Year: _____	
STORMWATER INPUTS <u>10</u>		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	
LAKESIDE ALTERATIONS <u>15</u>		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	
BUFFER ZONE <u>11</u>		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	
				Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place 10 9 8 7 6	
				Many structures, roads or other human disturbance visible (50%-70% lakeside affected) 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	
				Highly developed or disturbed (>70% of lakeside affected) 5 4 3 2 1	
				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 ☐ No 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/Slack ☐ Glob ☐ Other _____			
Meter Readings: Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat. (%) Cond. (UMHO/CM) Salinity (PPT) Top: <u>0.3</u> <u>30.5</u> <u>7.9</u> <u>8.1</u> <u>104</u> <u>255</u> <u>0.12</u> Mid-Depth: _____ Bottom: _____				Clarity: ☐ Clear ☒ Turbid ☐ Slightly Turbid Color: ☐ Clear ☒ Tannic ☒ Green			
Meter ID: _____				SECCHI (M) <u>0.4</u> Total Station Depth (M) <u>1.4</u> VOB ☐			
Sediment Type: (may check more than one) ☐ Sandy ☒ Organic fibrous (peaty, CPOM) ☐ Vegetated ☐ Sand/Silt ☐ Organic smooth (muck) ☐ Other (Specify): _____				Sediment Odors: ☒ Normal ☐ Anaerobic ☐ Other (Specify): _____			
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: <u>LOTS OF ALGAE</u>			

Weather Conditions :

SAMPLING TEAM: Chris Ashton, A. Sammon, S. Clinger SIGNATURE: [Signature] DATE: 6-23-16

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

STORET STATION NUMBER: <i>655W0030</i>	DATE (M/D/Y) <i>6-23-16</i>	LAKE NAME <i>LAKE WORRELL</i>		FIELD ID / NAME:
ECO-REGION:	COUNTY: <i>PASCO</i>	SAMPLING LOCATION/DESCRIPTION:		LAKE SIZE: <i>L</i>
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 ☐	Impounded, hydrology of system artificially controlled ☐
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	Poor
Secchi <i>4</i>	Secchi >3 m Or VOB 20 19 18 17 16	3 2.6 2.2 1.8 1.4 15 14 13 12 11	1.0 0.9 0.8 0.7 0.6 10 9 8 7 6	0.5 0.4 0.3 0.2 0.1 5 <i>4</i> 3 2 1
Vegetation Quality <i>13</i>	Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa 20 19 18 17 16	Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants 15 14 <i>13</i> 12 11	Large masses (21%- 40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats 10 9 8 7 6	Lake choked (>40%) with nuisance macrophytes (duckweed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed) 5 4 3 2 1
Stormwater Inputs <i>10</i>	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 <i>10</i> 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
Bottom Substrate Quality <i>9</i>	Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present 20 19 18 17 16	Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present 15 14 13 12 11	Moderate layer of CPOM/ mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom 10 <i>9</i> 8 7 6	Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom 5 4 3 2 1
Lakeside Adverse Human Alterations <i>15</i>	Very few man-made structures, roads, or other disturbance adjacent to lake (<10%) 20 19 18 17 16	Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected <i>15</i> 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
Upland Buffer Zone <i>11</i>	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 <i>11</i>	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
Adverse Watershed Land Use <i>11</i>	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 <i>11</i> 10 9 8 7 6 5 4 3 2 1			
TOTAL SCORE <i>73</i>	COMMENTS:			

ANALYSIS DATE: <i>6-23-16</i>	ANALYST: <i>Shirley Ashton</i>	SIGNATURE: <i>[Signature]</i>
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

A-KIT

PAGE 1 OF 1

February 2016

Data Qualified?
Yes / No

STORET Station Name: LAKE WOLFEK

Date: 6-23-16
(mm/dd/yyyy)

STORET Station ID: G5SW0030

Latitude: 28.2835 N

(Decimal Degrees)

WBID: 1432A RQ-2016-06-20-45 ORG ID: 21FLTPA

Longitude: 82.6688 W

(Decimal Degrees)

Receiving Body of Water:

Field ID: G5SW0030

County: PASCO

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashman							X		
Ashley Sammons					X			X	X
STEPHEN CHANGELARAN						X			

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Equipment ID		
Collection Method		
☐ Wading	☒ Via Boat	
☐ From Shore	☒ Canoe/Kayak	
☐ Other (note below)	☒ Electric Motor	
	☐ Gasoline Motor	

Water Level: Dry / <u>Low</u> / Normal / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>61150N</u>	Photos: <u>Yes</u> / No
	Tide Falling: Yes / No / <u>NA</u>

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	13:55	0.3	1.4	8.1	104	7.9	0.12	0.4	255	30.5
CEN										

Biological Samples Collected: None HA SCI LVS RPS LVI Other

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 ☒ H2SO4			☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MP-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coll ☐ F Coll ☐ Entero ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			
Flow m/s	"J" Quality Flow				

Notes: LOTS OF ALGAE	RQ-2016-06-20-15 Date: 06/21/16 Time: 23	G5SW0030
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Signature: <u>Judy</u>	Date: 6-23-16
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Field Parameters Entered into LIMS: _____ (Initials/Date) Field Parameters QC in LIMS: _____ (Initials/Date)
Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: _____ (Initials/Date)

Date: 6-20-16

STORET: 65500030

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

1, 4, 7, 10 2, 5, 8, 11
 3, 6, 9, 12

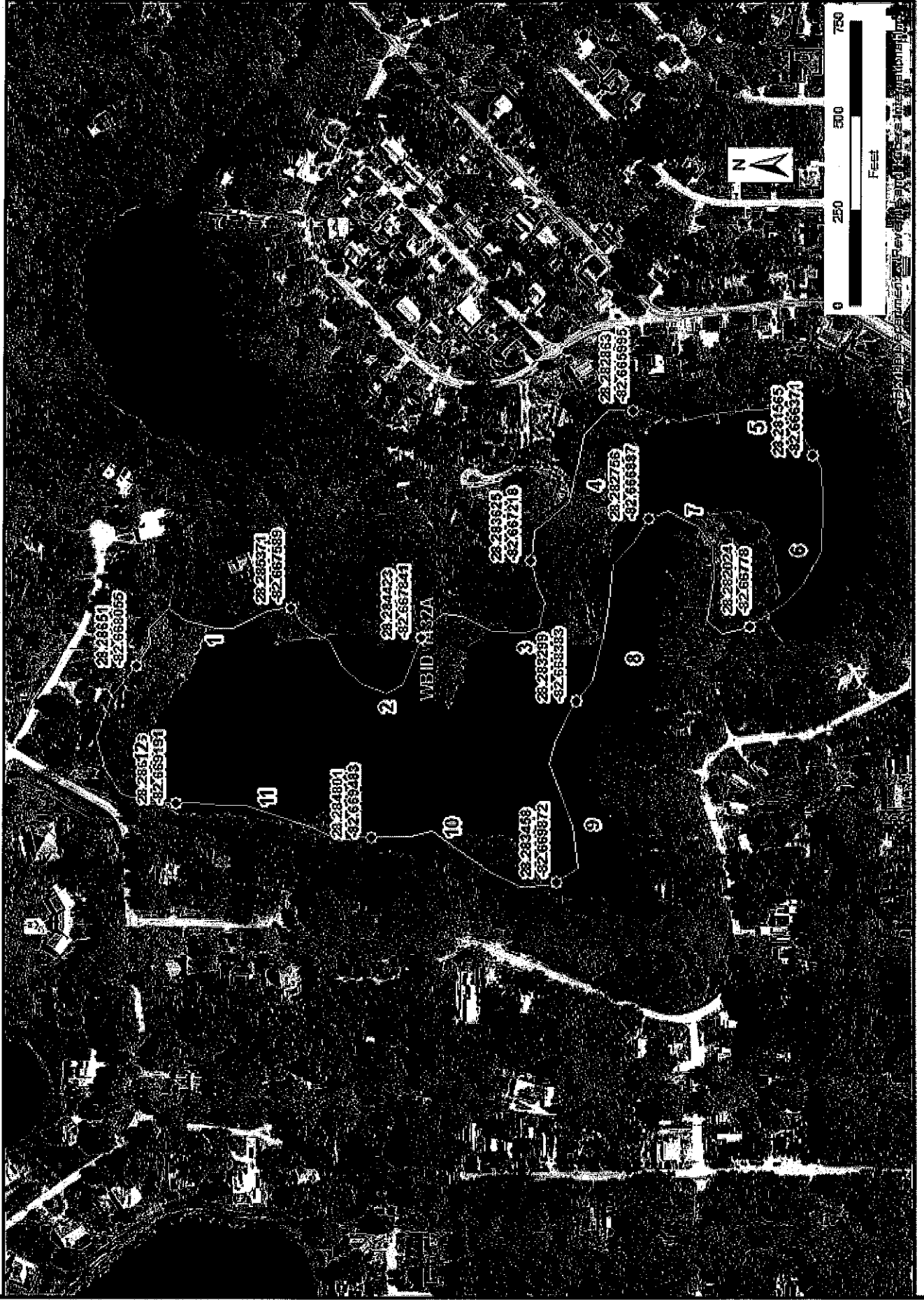
SPECIES	12	3	6	9	Collected? (✓)	SPECIES	12	3	6	9	Collected? (✓)
Acer rubrum		X		X		Habenaria repens					
Alternanthera philoxeroides						Hydrilla verticillata					
Andropogon sp.						Hydrocotyle sp.	X			X	
Azolla filiculoides (A. caroliniana)						Hygrophila polysperma					
Baccharis sp.						*Hypericum 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	X	X	X	X		*Juncus scirpoides					
Ceratophyllum demersum		X		X		Lachnanthes caroliniana					
Chara sp.						Leersia hexandra					
Cladium jamaicense						Landoltia punctata (Spirodela punctata)					
Cliftonia monophylla						Lemna sp.	X				
Colocasia esculenta						Leucothoe racemosa (Eubotrys racemosa)					
*Commelina						Limnolobium 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				X		*Ludwigia peruviana					
*Cyperus surinamensis						*Ludwigia repens					
Cyrtia racemiflora						*Ludwigia					
Decodon verticillatus						Luziola fluitans (Hydrochloa carolinensis)					
Diodia virginiana						Lyonia lucida					
*Echinochloa crus-galli				X		Magnolia virginiana					
*Echinochloa muricatum						Mayaca fluviatilis					
Echinochloa walteri	X					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						PAIR EGGS	X				
Eleocharis equisetoides											
Eleocharis interstincta											
*Eriocaulon compressum											
*Eriocaulon decangulare											
Eupatorium capillifolium											
*Fuirena											
Fuirena scirpoides											
Gordonia lasianthus											

Date: 6-23-16

SPECIES	Collected? (✓)	SPECIES	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 comuta	
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		Zizanolopsis milacea	
*Potamogeton pectinatus (Stuckenia pectinatus)		<i>Potamogeton</i> sp.	
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			

3, 6, 9, 12

LVI Map for LAKE WORRELL, WBID 1432A



FedEx Tracking Number **8100 1917 4933**

1 From Please print and press hard. Sender's FedEx Account Number **06123116**

Sender's Name **FDEP** Phone **813 470-5700**

Company _____

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City **Temple Terrace**

2 Your Internal Billing Reference
FedEx characters will appear on invoice.

3 To Recipient's Name **SAMPLE RECEIVING** Phone **(850) 245-8055**

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We cannot deliver to P.O. boxes or P.O. ZIP codes.

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Use this line for the HOLD location address or for continuation of your shipping address.

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Leave the packing to the pros at FedEx Office.
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4 Express Package Service *To meet locations.

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Second business day morning delivery. Shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ FedEx Standard Overnight
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Saturday Delivery NOT available.

☐ FedEx 2Day
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☐ FedEx Express Saver
Third business day morning delivery. Saturday Delivery NOT available.

5 Packaging *Declared value limit \$500.
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☐ Indirect Signature
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Does this shipment contain dangerous goods?
One box must be checked.
☐ No ☐ Yes ☐ As per attached Shipper's Declaration not required. ☐ Dry Ice ☐ Dry Ice 3 JUN 1945 ☐ X ☐ kg
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FedEx Account No. **4490-2262-9** Exp. Date _____
Total Packages **1** Total Weight **50** lbs. Total Declared Value* **\$** _____

*Your liability is limited to US\$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms, conditions, and restrictions.
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6JJ

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: J. Ashton, A. Satterton, S. Chubb, K. B. Satterton-Sampling Agency: FWS

Location	BELLONS LAKE										Bottle Group(s)
Field ID											(See pg 2)
STORET #	RQ-2016-06-20-45 Date: 06/23/2016 Time: 11:10										A
Latitude											
Location	BELLONS LAKE										Bottle Group(s)
Field ID											(See pg 2)
STORET #	RQ-2016-06-20-45 Date: 06/23/2016 Time: 11:15										A
Latitude											
Location	FIELD BLANK										Bottle Group(s)
Field ID											(See pg 2)
STORET #	RQ-2016-06-20-45 Date: 06/23/2016 Time: 11:20										A
Latitude											
Location	LAKE WINDY										Bottle Group(s)
Field ID											(See pg 2)
STORET #	RQ-2016-06-20-45 Date: 06/27/16 Time: 2:23										A
Latitude											

☐ 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)	6-23-16	11:10			Diss. Oxygen	8.4	109		
		Temp (C)	30.8				Sample Depth	0.3	145		
		pH	7.0				Sp. Conductance (umho/cm)				
		Salinity (ppt)	0.07								
		Comments	lots of algae								

☐ 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)	6-23-16	11:15			Diss. Oxygen	8.4	109		
		Temp (C)	30.8				Sample Depth	0.3	145		
		pH	7.0				Sp. Conductance (umho/cm)				
		Salinity (ppt)	0.07								
		Comments	lots of algae								

☐ 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)	6-23-16	11:20			Diss. Oxygen				
		Temp (C)					Sample Depth				
		pH					Sp. Conductance (umho/cm)				
		Salinity (ppt)									
		Comments									

☐ 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)	6-23-16	13:55			Diss. Oxygen	8.4	104		
		Temp (C)	30.5				Sample Depth	0.3	255		
		pH	7.9				Sp. Conductance (umho/cm)				
		Salinity (ppt)	0.12								
		Comments									

Relinquished By: Judy Ashton	Date/Time: 6-23-16 5:00	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	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	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						