

SBIO processing

Z1-LL-12011

Lake Jackson.

WIN-ID: 53805

☒ LVI

☐ RPS/LVS Only

☒ Sample Site Created in SBIO

☒ Phys/Chem entered in SBIO

☒ HA entered in SBIO Initial FB, 01/08/19

☒ Date and Initial QA: 11/9/19 SS

☐ RPS entered in SBIO Initial _____

☐ Date and Initial QA: _____

☒ LVI entered in SBIO Initial FB, 01/08/19

☒ Date and Initial QA: 11/9/19 SS

☒ < 2 m² vegetation

☒ Plants getting verified

Date submitted: 06/11/2018

☒ Plants verified

Date returned: 08/07/2018

Sample Date: 05/24/2018

WBID 38A

SBIO ID: 79122

LIMS ID 1999763

HA ID: 15571

Macro ID: 11149

LVI Score: 58

LVI authorized. FB 01/09/2018

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: 79122 MACROPHYTE ID: 53805 LATITUDE: N 30.98842 Mac-ID - 11149
 COUNTY: Walton (Florida) STORET #: 53805 LONGITUDE: W -86.33048
 DATE: 05/24/2018 TIME: 9:50 SAMPLING AGENCY: FL DEP - NWROC
 SITE NAME: Z1-LL-12011 (Jackson Lake) - Lake Jackson WBID: 38A Basin: Yellow River
 FIELD ID/NAME: Z1-LL-12011-2.12.12011 LAKE SIZE: 411 RQ:
 WATERSHED / LAKESIDE FEATURES: Lms ID: 1999763

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category - from GIS): Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agricultural ☐ Residential ☐ Commercial ☐ Industrial ☐ Other (Specify) ☐ Local Watershed Erosion (select one): ☐ None ☐ Slight ☐ Moderate ☒ Heavy Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☐ Moderate ☒ Heavy				LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer) LDI: Land Use Source & Year:			
STORMWATER INPUTS <u>13</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		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 <u>12</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		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 <u>8</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		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/Slick ☐ 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>29.96</u> <u>8.20</u> <u>108.2</u> <u>108.2</u> <u>24</u> <u>0.01</u> Mid-Depth: <u>1.8</u> <u>27.70</u> <u>m</u> <u></u> <u></u> <u></u> <u></u> Bottom: <u>1.5</u> <u>27.75</u> <u>8.92</u> <u>9.48</u> <u>12.1</u> <u>27</u> <u>0.01</u>						Clarity: ☐ Clear ☒ Turbid ☐ Slightly Turbid Color: ☐ Clear ☒ Green ☐ Tannic SECCHI (M) <u>1.9</u> Total Station Depth (M) <u>2.3.6</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 ☐ 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: <u>Silt cover & algae covering bottom</u>					

Weather Conditions:

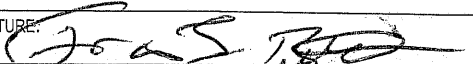
SAMPLING TEAM: Frank Butera, Mike King

SIGNATURE [Signature]

DATE: 05/24/2018

STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION
Lake Habitat Assessment Field Sheet

Store/ WIN ID NUMBER: 53845	DATE (M/D/Y) 5/24/2018	LAKE NAME: Jackson Lake (Z1-LL-12011) Lake Jackson		FIELD ID / NAME: Z1-LL-12011
ECO-REGION: 38A	COUNTY: Walton	SAMPLING LOCATION/DESCRIPTION: Florida, FL		LAKE SIZE: 411 Acres
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 14	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 4 3 2 1
Vegetation Quality 14	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 13 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 13	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
Bottom Substrate Quality 8	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 9 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 12	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 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
Upland Buffer Zone 9	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 24% 10 9 8 7 6	< 29% of shoreline with >18m buffer 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 77	COMMENTS:			

ANALYSIS DATE: 5/25/18	ANALYST: Frank Butera, Mike King	SIGNATURE: 
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SBIO ID: **79122**HA ID: **15571**

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Waterbody: Z1-LL-12011 (Jackson Lake) <i>Lake Jackson</i>		County: Walton (Florida) <i>Padon</i>		Date: <i>5/24/2018</i>	
Analyst: F. Butera		Signature: <i>[Signature]</i>		STORET: <i>53805</i>	
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): <i>1, 4, 7, 10</i> 2, 5, 8, 11 3, 6, 9, 12	
SBIO ID <i>79122</i>	<i>1</i>	<i>4</i>	<i>7</i>	Collect ed? (✓)	Macro ID <i>11149</i>
SPECIES	<i>1</i>	<i>4</i>	<i>7</i>	Collect ed? (✓)	<i>10</i>
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 (Spiro. punctata)
Cliftonia monophylla					Lemna sp.
Colocasia esculenta					Leucothoe racemosa (E. racemosa)
*Commelina					Limnium 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
Cyrtilla racemiflora					*Ludwigia
Decodon verticillatus					Luziola fluitans (H. 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					<i>Cyperus</i>
Eleocharis equisetoides					<i>Dichanthelium scab</i>
Eleocharis interstincta					<i>Agrostis</i>
*Eriocaulon compressum					<i>Joe Pye Weed</i>
*Eriocaulon decangulare					<i>Green Algae</i>
Eupatorium capillifolium					<i>Gelsemium</i>
*Fuirena					
Fuirena scirpoidea					
Gordonia lasianthus					

FORM FD 9000-27: LAKE VEGETATION INDEX FIELD SHEET

Waterbody: Z1-LL-12011 (Jackson Lake)	Storet: <i>53805</i>	Date:	SBIO ID	Macro ID
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72-LL-12011, Lake Jackson
 SBIO ID: 79122

SPECIES	1	4	7	10	Collect ed? (✓)
Myriophyllum aquaticum			1		
*Myriophyllum heterophyllum					
*Myriophyllum laxum					
*Myriophyllum pinnatum					
Myriophyllum spicatum					
*Najas filifolia					
*Najas guadalupensis					
*Najas minor					
Nelumbo lutea					
Nitella spp.					
Nuphar sp.					
Nymphaea odorata		1	1		
Nymphoides aquatica			1	1	✓
Nyssa sylvatica var. biflora					
Orontium aquaticum					
Osmunda cinnamomea			1	1	
Osmunda regalis				1	
Panicum hemitomon				1	
Panicum repens	1		1	1	
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					
Pontederia cordata	1	1	1	1	
*Potamogeton diversifolius					
*Potamogeton illinoensis					
*Potamogeton pusillus					
*Potamogeton pectinatus (Stuck. pectinatus)					
Proserpinaca pectinata					
*Rhexia					
*Rhynchospora corniculata					
*Rhynchospora inundata					
Rhynchospora tracyi					
Ricciocarpus natans					
Sabal palmetto					
Sacciolepis striata		1	1	1	
*Sagittaria filiformis					
*Sagittaria graminea					
*Sagittaria isoetiformis			1	1	✓
Sagittaria lancifolia					
Sagittaria latifolia					
Alnus serrulata		1	1	1	✓

Sturct 53805
 UPDB ID 11149

SPECIES	1	4	7	10	Collect ed? (✓)
Salix caroliniana					
Salvinia minima					
Sambucus canadensis					
Sapium sebiferum	1		1	1	
Saururus cernuus					
Schinus terebinthifolius					
*Schoenoplectus californicus					
*Schoenoplectus pungens					
*Schoenoplectus tabernaemontani					
Scirpus cubensis (Oxycaryon cubense)					
Scirpus cyperinus					
*Sesbania					
Solidago sp.					
Sparganium americanum					
Spartina bakeri					
Spirodela polyrhiza					
Taxodium sp.	1	1	1	1	
Thalia geniculata					
Thelypteris palustris					
Triadenum virginicum		1	1	1	
Typha sp.					
Urochloa mutica (Brachiaria mutica)					
*Utricularia gibba (U. biflora)					
*Utricularia floridana	1	1	1	1	
*Utricularia foliosa					
*Utricularia inflata					
*Utricularia purpurea					
*Utricularia cornuta					
*Utricularia radiata					
Vallisneria americana					
*Websteria confervoides		1		1	
Wedelia trilobata (Sphag. trilobata)					
Wolffiella spp.					
Woodwardia virginica	1		1	1	
Xyris sp.					
Zizania aquatica					
Zizaniopsis milacea					
Vitis					
Toxicodendron radicans	1	1	1	1	
Rubus					
Potamogeton ill.					
Rhynchospora					
Potamogeton					

*Schoenoplectus tabernaemontani = Scirpus validus

Sturct

Date 05/24/2018

DEP-SOP-001/01
FS 7000 General Biological Community Sampling

Form FD 9000-2: COMPOSITE LAKE SAMPLING SHEET (< 1000 ACRES)

Date: 5/24/18		Name of Lake: Jackson Lake Z1-LL-12011		Gear used: <u>PONAR</u> EKMAN OTHER	
Comments: Lake Jackson					
Drop #	Depth (m)	Sediment Type (circle all that apply)	Drop #	Depth (m)	Sediment Type (circle all that apply)
1	3.6	sand, <u>silt/clay</u> , CPOM, <u>muck</u> , <u>SAV</u>	7	2.2	sand , <u>silt/clay</u> , CPOM, <u>muck</u> , <u>SAV</u>
2		sand, silt/clay, CPOM, muck, SAV	8		sand, silt/clay, CPOM, muck, SAV
3		sand, silt/clay, CPOM, muck, SAV	9		sand, silt/clay, CPOM, muck, SAV
4	2.4	sand, <u>silt/clay</u> , CPOM, <u>muck</u> , <u>SAV</u>	10	3.5	sand, <u>silt/clay</u> , CPOM, <u>muck</u> , <u>SAV</u>
5		sand, silt/clay, CPOM, muck, SAV	11		sand, silt/clay, CPOM, muck, SAV
6		sand, silt/clay, CPOM, muck, SAV	12		sand, silt/clay, CPOM, muck, SAV

CPOM = coarse particulate organic matter; SAV = submerged aquatic vegetation

WIN ID: 53805 Field ID Z1LL12011 Project: Status Large 2018
WBID 38A

SBIO ID: 79122

sect. 1. Park to Big AC Boat Ramp. (FL. State Park in AL), Buffer from
entire section causeway

sect. 4. Buffer 7-18m

sect. 7. Buffer 5-14m

sect. 10. Buffer 0-4m.

Paste map here and show location of each dredge drop and where water chemistry parameters were collected.

Photo Log

Storet 53805

Station Name: Z1-LL-12011. Jackson Lake - Lake Jackson

Date: 5/24/2017

Samplers. F. Butera, M. King

- 1 Photosheet / cover
- 2 Set 10 Lud. peruviana
- 3 L. peruviana close up
- 4 L. peruviana close detail
- 5 Station North
- 6 Station East
- 7 Station South
- 8 Station West
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

Notes.

Z1-LL-12011 Jackson Lake

Status Storet TBD

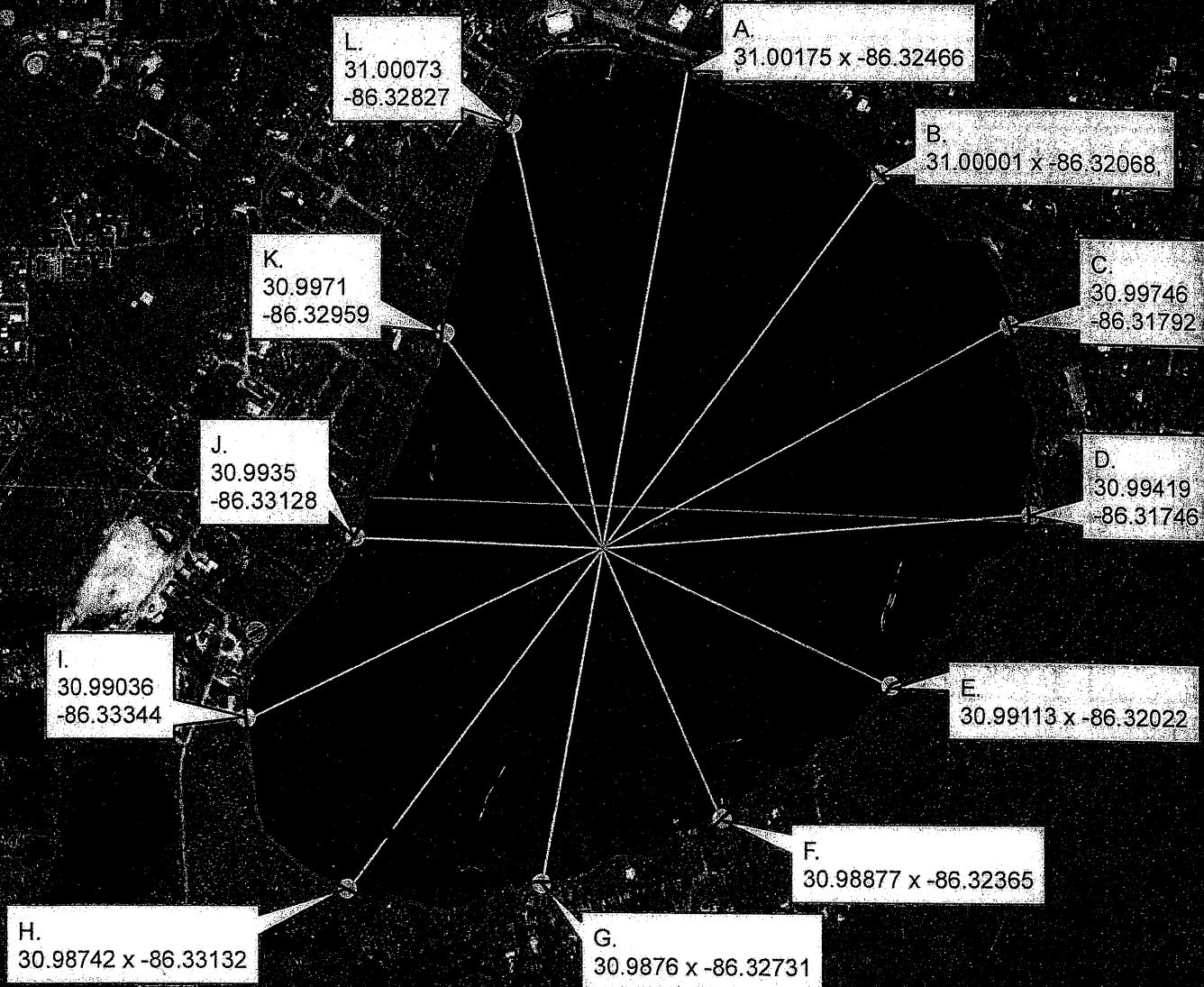
Receiving Water

Basin, WBID WBID 38A
City, County Florala, Walton
Lake Acreage 411.65
Circumference (M) 5197.524
Seg. Length (M) 433.127

Location	Dec. Latt.	Dec. Long.
Storet	30.98842	-86.33048
A	31.00175	-86.32466
B	31.00001	-86.32068
C	30.99746	-86.31792
D	30.99419	-86.31749
E	30.99113	-86.32022
F	30.98877	-86.32365
G	30.98760	-86.32731
H	30.98742	-86.33132
I	30.99036	-86.33344
J	30.99350	-86.33128
K	30.99710	-86.32959
L	31.00073	-86.32827

Z1-LL-112011. Jackson Lake

Z1-LL-11017 Status 2017



Station: Z1-LL-12011. Lake Jackson
GPS Dec. 30.98842 x 86.33048
Storet: 53805 WBID 38A
Sample ID : 79122
Macro ID: 11149

Sampled : 05/23/2018
Sampled By: F. Butera, M. King
Location: Vernon, Washington Co. FL
Receiving Waters: St. Andrew's Bay
LIMS ID: 1999763

Taxa	1	4	7	10	C of C	Coll.	Verified
1 Colocasia esculenta	1		1	1	0.00		
2 Dichanthelium scabriusculum			1	1	7.15		
3 Juncus effusus			1	1	3.25		
4 Leersia hexandra		1			5.61		
5 Mayaca fluviatilis		1		1	8.45		
6 Panicum hemitomon				1	5.82		
7 Panicum repens	1		1	1	0.00		
8 Pontederia cordata	1	1	1	1	5.38		
9 Potamogeton illinoensis				1	6.64	✓	FB Lab
10 Sacciolepis striata		1	1	1	5.35		
11 Sagittaria isoetiformis			1	1		✓	FB Lab
12 Websteria confervoides		1		1	4.00		
13 Xyris sp.				1			
14 Alternanthera philoxeroides				1	0.00		
15 Boehmeria cylindrica	1	1			5.91		
16 Brasenia schreberi			1	1	8.79		
17 Centella asiatica	1			1	1.92		
18 Eutrochium fistulosum *				1			
19 Hydrocotyle sp.	1		1	1	2.00		
20 Hypericum fasciculatum	1		1	1	7.27		
21 Gelsemium rankinii Small				1			
22 Ludwigia peruviana				1	6.99	✓	A. O'Neal
23 Ludwigia repens				1	2.50	✓	A. O'Neal
24 Lycopodium sp.				1			
25 Myriophyllum aquaticum		1			4.77		
26 Nymphaea odorata		1	1		6.99		
27 Nymphaeoides aquatica			1	1	6.09	✓	FB Lab
28 Rubus sp.		1		1			
29 Toxicodendron radicans	1	1	1	1			
30 Triadenum virginicum		1	1	1	8.16		
31 Utricularia floridana	1	1	1	1	6.34		
32 Vitis sp.		1	1	1			
33 Acer rubrum		1	1	1	4.65		
34 Alnus serrulata		1	1	1		✓	FB Lab
35 Cephalanthus occidentalis				1	6.99		
36 Cyrilla racemiflora		1	1	1	5.20		
37 Liquidambar styraciflua	1	1	1	1	5.56		
38 Myrica cerifera		1	1	1	3.82		
39 Pinus sp.				1			
Rhododendron viscosum var. serrulatum		1					
40 Sapium sebiferum	1		1	1	0.00		
42 Taxodium sp.	1	1	1	1	7.20		
43 Osmunda cinnamomoea			1	1	6.44		
44 Osmunda regalis				1	8.04		
45 Woodwardia areolata	1		1	1	7.68		
46 Chara sp.	D	D	D	D	3.90		
Taxa per section	14	20	26	42	Herb. Taxa	32	
Exotic Present	3	1	3	6	Woody Taxa	10	
Avg. taxa per section	26				Ferns	3	
sections with exotics	4				Macro Algae	1	
Exotic Taxa	6	Exotics per Section: 3.25			Total Taxa	46	

* Eutrochium fistulosum synonym for Eupatorium fistulosum

Seen but not counted. Taxa is not approp. for LVI or not in surveyed segment.

Green Algae	-	-	-	P
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Metric	Rep. 1	Rep. 2	Rep. 3	Rep. 4	LVI Average
LVI 2012	43	69	59	60	58
Native Percentage	78.57	90	88.46	85	85.51
FLEPPC Pct (Exotic)	21.43	0	11.54	10	10.74
Total Taxa	14	20	26	40	25.00
C of C over 7.0	14.29	15	15.38	17.5	15.54
Dominant Taxa	Chara	Chara	Chara	Chara	Chara
C of C Dominant	3.9	3.9	3.9	3.9	3.90