



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

DUP & BLANK

PAGE ____ OF ____

Data Qualified?
Yes / No

STORET Station Name: Brant Lake Date: 8-17-17
STORET Station ID: G1SW0025 WBID: 1494B Latitude: 28.1267N
County: Hillsborough RQ - 2015-08-14-44 ORG ID: 21FLTPA Longitude: -82.4715W
Receiving Body of Water: _____ Field ID: G1SW0025

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
J. Ashton			X		X			
H. Sprinkle					X			
L. Bachler		X	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 / Pooled / Low / Normal / High / Flooded Matrix: Fresh / Marine / DI
Meter ID# Busta Photos: Yes / No Tide Falling: Yes / No / NA

Field Sample										
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (umhos/cm)	Temp. (C°)
EST	1116	0.3	3.5	7.4	101	7.3	0.08	0.8	174	33.4
CEN		3.0		5.3	67	6.7	0.08		175	30.4 31.4

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other _____
SBIO ID Numbers: SBIO-ID: 77869 RPS-ID: N/A Macrophyte-ID: 10632 LIMS#: 1922470

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	SA-7093010	04/03/18	☒ <2
Metals	☐ W-JCPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 um 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 ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other _____			

Contains
1:1
Sulfuric Acid
SA-7093010
EXP: 04/03/18
Warning!
See SDS

Contains
1:1
Sulfuric Acid
SA-7093010
EXP: 04/03/18
Warning!
See SDS

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.3</u>		Field ID: <u>G1SW0025</u>	
Time: <u>1120</u>		Total Depth (m): <u>3.5</u>			
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 ₂ SO ₄	SA-7093010	04/03/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)		
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			
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ PCR-FILTER	RQ-2017-08-14-44 Date: 08-17-2017 Time: <i>Brant Lake Dup</i>			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	G1SW0025 Field ID STORET 615W0025			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH				

Blank

Time Zone: EST CEN		Time: <u>1130</u>		Field ID: <u>61</u>		Location: <u>Brant Lake</u>	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID					
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 ₂ SO ₄			☒ <2	Contains 1:1 Sulfuric Acid SA-7093010 EXP-04/03/18 Warning! See SDS	
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				Place Preservative Sticker(s) Here	
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ PCR-FILTER	☐ Ice					
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA						
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH					RQ-2017-08-14-44 Date: 08-17-2017 Time: <i>BLANK</i>	

Notes:		RQ-2017-08-14-44 Date: 08-17-2017 Time: <i>Brant Lake</i>	
Signature: <u>Lauri Bach</u>		G1SW0025 Field ID STORET 615W0025	
Date: <u>8-17-17</u>			

Field Parameters Entered into LIMS: SM 08/24/2017 & Biology (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date)

Field Parameters QC in LIMS: SM 10/13/2017 & Biology (Initials/Date)

Field Sheets Scanned/Saved: SM 10/13/2017 (Initials/Date)

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: 77869 MACROPHYTE ID: 10632 LATITUDE: 28.1267 N
COUNTY: HILLS STORET #: 207 GISW0025 LONGITUDE: 82.4715 W
DATE: 8-17-17 TIME: 1116 SAMPLING AGENCY: FDAP
SITE NAME: BRANT LAKE WBID: 14943
FIELD ID/NAME: G1SW0025 LAKE SIZE: 2 RQ: 2017-08-14-44

WATERSHED / LAKESIDE FEATURES RQ 2017-08-14-44

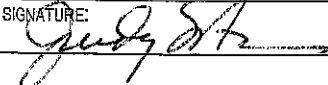
PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category - from GIS) :										LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)										
Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)													
<u>15</u>	<u>—</u>	<u>5</u>	<u>—</u>	<u>80</u>	<u>—</u>	<u>—</u>	<u>—</u>													
Local Watershed Erosion (select one) : ☒ None ☐ Slight ☐ Moderate ☐ Heavy							Artificially Impounded			LDI: <u> </u>										
Local Watershed NPS Pollution : ☐ No evidence ☐ Slight ☒ Moderate ☐ Heavy							☐ Yes ☒ No			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>17</u>	20	19	18	<u>17</u>	16	15	14	13	12	11	10	9	8	7	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>11</u>	20	19	18	17	16	15	14	13	12	<u>11</u>	10	9	8	7	6	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>12</u>	20	19	18	17	16	15	14	13	<u>12</u>	11	10	9	8	7	6	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 # <u>7093010</u> Exp. Date: <u>04/18</u> 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>33.4</u> <u>7.3</u> <u>7.4</u> <u>101</u> <u>174</u> <u>0.08</u> Mid-Depth: <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> Bottom: <u>3.0</u> <u>31.4</u> <u>6.7</u> <u>5.3</u> <u>67</u> <u>175</u> <u>0.08</u>										Clarity: ☒ Clear ☐ Opaque ☐ Turbid ☐ Slightly Turbid Color: ☐ Clear ☒ Tannic ☐ Green SECCHI (M) <u>0.8</u> Total Station Depth (M) <u>3.5</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:																			
Weather Conditions :																			
SAMPLING TEAM: <u>J. ABSTON, L. BACIKER, H. SPRINCLE</u>										SIGNATURE: <u>[Signature]</u>					DATE: <u>8-17-17</u>				

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

STORET STATION NUMBER: G1SW0025	DATE (M/D/Y) 8-17-17	LAKE NAME BRANT LAKE		FIELD ID / NAME: G1SW0025
ECO-REGION:	COUNTY: HILLS	SAMPLING LOCATION/DESCRIPTION: Center of lake		LAKE SIZE: L
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	Secchi > 3 m Or VOB	Secchi(m)		
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	5 4 3 2 1
Vegetation Quality	Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa 14	Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants 14	Large masses (21%-40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats 8	Lake choked (>40%) with nuisance macrophytes (duckweed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed) 5
Stormwater Inputs	Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation 17	Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place 13	Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place 8	Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place 5
Bottom Substrate Quality	Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present 13	Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present 13	Moderate layer of CPOM/mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom 8	Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom 5
Lakeside Adverse Human Alterations	Very few man-made structures, roads, or other disturbance adjacent to lake (<10%) 11	Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected 11	Many structures, roads or other human disturbance visible (50%-70%) lakeside affected 8	Highly developed or disturbed (>70% of lakeside affected) 5
Upland Buffer Zone	Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer 12	89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer 12	50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer 8	< 29% of shoreline with >18m buffer 5
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 12			
TOTAL SCORE	81	COMMENTS:		

ANALYSIS DATE: 8-17-17	ANALYST: Shay Ashton	SIGNATURE: 
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Waterbody: <u>BRANT LAKE</u>		County: <u>ALICE</u>		Date: <u>8-17-17</u>							
Analyst: <u>JAY ASHTON</u>		Signature: <u>[Signature]</u>		STORET: <u>615W0025</u>							
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	2	5	8	11	Collected? (✓)	SPECIES	2	5	8	11	Collected? (✓)
Acer rubrum		X		X		Habenaria repens					
Alternanthera philoxeroides	X	X	X	X		Hydrilla verticillata	X		X	X	
Andropogon sp.						Hydrocotyle sp.	X				
Azolla filiculoides (A. caroliniana)			X			Hygrophila polysperma					
Baccharis sp.						*Hypericum fasciculatum					
Bacopa caroliniana						*Hypericum hypericoides					
Bacopa monnieri		X				*Hypericum myrtifolium					
Bidens laevis						Ilex cassine					
Bidens mitis	X					Ipomoea aquatica					
Blechnum serrulatum		X				Ipomoea sagittata					
Boehmeria cylindrica	X					Itea virginica					
Brasenia schreberi						Juncus effusus					
Cabomba caroliniana						*Juncus marginatus					
Casuarina equisetifolia						*Juncus megacephalus					
Centella asiatica						Juncus repens					
Cephalanthus occidentalis		X		X		*Juncus scirpoides					
Ceratophyllum demersum						Lachnanthes caroliniana					
Chara sp.						Leersia hexandra					
Cladium jamaicense						Landoltia punctata (Spirodela punctata)					
Cliftonia monophylla						Lemna sp.			X		
Colocasia esculenta						Leucothoe racemosa (Eubotrys racemosa)					
*Commelina		X				Limnium spongia					
Crinum americanum						Limnophila sessiliflora					
*Cyperus alternifolius (C. involucratus)						Liquidambar styraciflua		X			
Cyperus articulatus						*Ludwigia arcuata		X			
Cyperus haspan						*Ludwigia leptocarpa	X	X			
*Cyperus lecontei						*Ludwigia linearis					
*Cyperus polystachyos	X	X				*Ludwigia octovalvis	X				
*Cyperus odoratus	X	X	X	X		*Ludwigia peruviana	X	X	X	X	
*Cyperus surinamensis						*Ludwigia repens					
Cyrtilla racemiflora						*Ludwigia					
Decodon verticillatus						Luziola fluitans (Hydrochloa carolinensis)					
Diodia virginiana	X	X				Lyonia lucida					
*Echinochloa crus-galli						Magnolia virginiana					
*Echinochloa muricatum						Mayaca fluviatilis					
Echinochloa walteri	X	X	X			Melaleuca quinquenervia			X	X	
Eclipta prostrata (E. alba)						Micranthemum glomeratum					
Egeria densa						Micranthemum umbrosum					
Eichhornia crassipes						Mikania scandens	X	X	X	X	
*Eleocharis baldwinii	X	X				Mimosa pigra					
*Eleocharis						Myrica cerifera					
Eleocharis cellulosa						Ludwigia grandiflora	X				
Eleocharis equisetoides						grass 1 Fuirena brevifolia					✓
Eleocharis interstincta						Crotonia pallida	X				✓
*Eriocaulon compressum						purple flowered Eriocaulon	X				✓
*Eriocaulon decangulare						crassey weed	X				
Eupatorium capillifolium	X	X	X			grass 1	X				✓
*Fuirena						grass 2	X				✓
Fuirena scirpoidea						grass 2 (mature seed head)	X				✓
Gordonia lasianthus						tag Ludwigia	X				✓
						Ludwigia	X				✓

→ fat
CURSIVE
(5 petals)

UPL

Site: Brant Lake

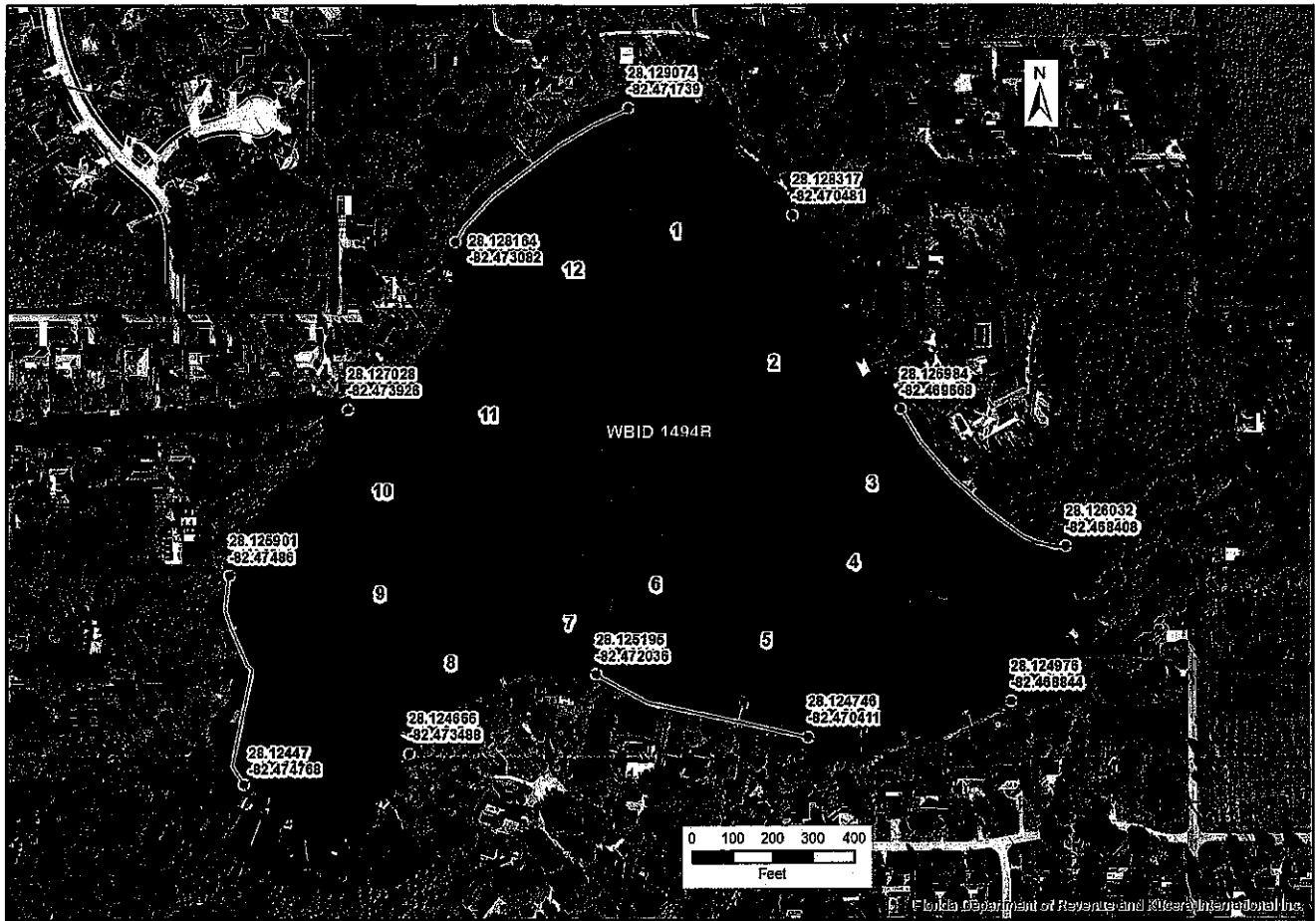
Date: 03/17/2017

SPECIES	2	5	8	11	Collected? (✓)	SPECIES	2	5	8	11	Collected? (✓)
Myriophyllum aquaticum						Salix caroliniana	X				
*Myriophyllum heterophyllum						Salvinia minima	X	X	X	X	
*Myriophyllum laxum						Sambucus canadensis					
*Myriophyllum pinnatum						Sapium sebiferum	X	X			
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.	X	X	X	X		Scirpus cyperinus					
Nymphaea odorata		X	X	X		*Sesbania	X	X	X		
Nymphoides aquatica						Solidago sp.					
Nyssa sylvatica var. biflora						Sparganium americanum					
Orontium aquaticum						Spartina bakeri					
Osmunda cinnamomea						Spirodela polyrrhiza					
Osmunda regalis						Taxodium sp.	X	X	X	X	
Panicum hemitomon	X	X				Thalia geniculata					X
Panicum repens	X	X	X	X		Thelypteris palustris					
Paspalidium geminatum						Triadenum virginicum					
*Paspalum repens						Typha sp.	X	X	X	X	
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.	X	X				*Utricularia radiata					
*Polygonum glabrum (densiflorum)	X	X		X		Vallisneria americana					
*Polygonum hydropiperoides						*Websteria confervoides					
*Polygonum punctatum						Wedelia trilobata (Sphagneticola trilobata)	X	X		X	
*Polygonum						Wolffiella spp.					
Pontederia cordata		X	X	X		Woodwardia virginica					
*Potamogeton diversifolius						Xyris sp.					
*Potamogeton illinoensis						Zizania aquatica					
*Potamogeton pusillus						Zizaniopsis milacea					
*Potamogeton pectinatus (Stuckenia pectinatus)						Schoenoplectus sp.	X	X	X		
Proserpinaca pectinata						Papyrus sp.		X			
*Rhexia						Cyperus					
*Rhynchospora corniculata											
*Rhynchospora inundata											
Rhynchospora tracyi											
Ricciocarpus natans											
Sabal palmetto											
Sacciolepis striata											
*Sagittaria filiformis											
*Sagittaria graminea											
*Sagittaria isoetiformis											
Sagittaria lancifolia	X	X	X	X							
Sagittaria latifolia	X	X									
Sacciolepis indica	X										

Shail
eggs
Present since 2, 5, 8, 11

WBID 1494B Brandt Lake

LVI Map for BRANT LAKE, WBID 1494B



Current Date: 1/8/2015

Date Saved: 1/7/2015

STATION NAME	Brandt Lake Center		
STATION_ID			
SITE_NAME	Brandt Lake		
G-NUMBER	G1SW0025		
LAT	28.1267N		
LONG	-82.4715W		
WATER BODY	Lake		
COUNTY	Hillsborough		
SAMPLES NEEDED/SUITE	5 - A kits		
ADDITIONAL SAMPLES			
WBID	1494B		
WATER BASIN			
PARAMETERS OF CONCERN	,, chla,,,		
BIOLOGY NEEDS	2 - LVIs		

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: Judy AshtonCollected By: Judy Ashton, L. BachtelSampling Agency: FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central ☐		Composite end		Bottle Group(s)	
RQ-2017-08-14-44 Date: 08-17-2017 Time:		G1SW0025		Date 8-17-17 Time 1116		Diss. Oxygen 101		Total Res. Chlorine		A	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C) 33.4		pH 7.3		Sample Depth 0.3		Sp. Conductance 174	
STORET		Salinity (ppt) 0.08		Comments							
Latitude Brant Lake		☐ dd ☐ dms									
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central ☐		Composite end		Bottle Group(s)	
RQ-2017-08-14-44 Date: 08-17-2017 Time:		G1SW0025		Date 8-17-17 Time 1120		Diss. Oxygen 101		Total Res. Chlorine		A	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C) 33.4		pH 7.3		Sample Depth 0.3		Sp. Conductance 174	
STORET		Salinity (ppt) 0.08		Comments							
Latitude Brant Lake		☐ dd ☐ dms									
Location		☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern ☐ Central ☐		Composite end		Bottle Group(s)	
RQ-2017-08-14-44 Date: 08-17-2017 Time:		BLANK		Date 8-17-17 Time 1130		Diss. Oxygen		Total Res. Chlorine		A	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Sp. Conductance	
STORET		Salinity (ppt)		Comments							
Latitude BLANK		☐ dd ☐ dms									
Location		☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern ☐ Central ☐		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Temp (C)		pH		Sample Depth		Sp. Conductance	
STORET #		Salinity (ppt)		Comments							
Latitude		Longitude									

Relinquished By: <u>J. Ashton</u>	Date/Time: <u>8-17-17 1700</u>	Shipping Method: <u>FED EP</u>	Number of Coolers Shipped: <u>1</u>	Received By:	Date/Time:
-----------------------------------	--------------------------------	--------------------------------	-------------------------------------	--------------	------------

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	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	3
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	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	3
	W-PO4-F						

From Please print and press hard.

 Date 8-17-17 Sender's FedEx
Account Number

 Sender's
Name

 Phone (813) 470-5700

Company

F DEP

Address

13051 N Telecom Pkwy
101

Dept./Floor/Suite/Room

 City Tempe Terrace

 State FL

 ZIP 33637

Your Internal Billing Reference

First 24 characters will appear on invoice.

To

 Recipient's
Name SAMPLE RECEIVING

 Phone (850) 245-8085

 Company FLORIDA DEP/CHEMISTRY SECTION

 Address 2600 BLAIRSTONE RD

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

Dept./Floor/Suite/Room

 Hold Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

☐

 Hold Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

☐

Address

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

 City TALLAHASSEE

 State FL

 ZIP 32399

0126912290



Deliveries when and where you want.
 Learn about FedEx Delivery Manager at fedex.com/delivery

MUR 4

 Form
ID No.

0215

4 Express Package Service

*To most locations.

Packages up to 150 lbs.
 For packages over 150 lbs., use the
 FedEx Express Freight US Airbill.

Next Business Day

☐ **FedEx First Overnight**
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☒ **FedEx Priority Overnight**
Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ **FedEx Standard Overnight**
Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

☐ **FedEx 2Day A.M.**
Second business morning.* Saturday Delivery NOT available.

☐ **FedEx 2Day**
Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.

☐ **FedEx Express Saver**
Third business day.* Saturday Delivery NOT available.

5 Packaging

*Declared value limit \$500.

☐ **FedEx Envelope***
☐ **FedEx Pak***
☐ **FedEx Box**
☐ **FedEx Tube**
☒ **Other**

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐ **Saturday Delivery**

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ **No Signature Required**

Package may be left without obtaining a signature for delivery.

☐ **Direct Signature**

Someone at recipient's address may sign for delivery.

☐ **Indirect Signature**

If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒ **No**
☐ **Yes**

As per attached Shipper's Declaration.

☐ **Yes**

Shipper's Declaration not required.

☐ **Dry Ice**

Dry Ice, S. UN 1845

x kg

Restrictions apply for dangerous goods—see the current FedEx Service Guide.

☐ **Cargo Aircraft Only**

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

☐ **Sender**
Acct. No. in Section 1 will be billed.

☒ **Recipient**
☐ **Third Party**
☐ **Credit Card**
☐ **Cash/Check**

 FedEx Acct. No. Credit Card No. 4490-2262-9

Exp. Date

 Total Packages 1

 Total Weight 50

Total Declared Value*

1 50 lbs. \$ 1 00

*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 that limit our liability.

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611

PULL AND RETAIN THIS COPY BEFORE AFFIXING TO THE PACKAGE. NO POUCH NEEDED.