FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End of Day CCV: (Yes) / No

WIN Station Name: See label on page 2 Lake Pansy **Date:** 6/01/2020 (mm/dd/yyyy)

WIN/ Field ID: See label on page 2 G3SW0045 **WBID:** _____ **Latitude:** _____ (Decimal Degrees)

County: Pasco **ORG ID:** 21FLTPA **Longitude:** _____ (Decimal Degrees)

Receiving Body of Water: _____ **RQ-2020-** 05-04-36

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Sydney Ashton	✓		✓		
Ben Parsnow		✓		✓	✓

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- Syringe
- Pole
- Dipper
- Other _____
- Depth Measured with _____
- Equipment ID: Secchi #3

Collection Method

- [ ] Wading
- [ ] From Shore
- Other _____
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [x] Gasoline Motor

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

Meter ID# ~~Chewy~~ SWD

Photos: (Yes) / No

Flow: No Flow / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High _____ Low _____

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

SBIO ID Numbers:	SBIO-ID: 31043	HA-ID: 166116	RPS-ID: ———	Macrophyte-ID: 116666	LIMS#: 2174193

Notes:

Duplicate Sample

Time Zone: EST **Time:** _____ **Field ID:** _____ (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: EST **Time:** _____ **Field ID:** _____ (Blank Type_DDMMYYYY)

DI Source: SWDIST DI Machine **Location:** _____

__ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equioment Blank **Equipment ID:** _____

LIMS EVENT ID: 2020-06-02-01 **WIN Import ID:** 21444

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 06/11/2020 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** SM 08/10/2020 (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) **Migrate Data to WIN:** SM 08/10/2020 (Initials/Date) **Verify Data In WIN:** SM 09/14/2020 (Initials/Date)

RQ-2020- see page 1 Collected By: SWROC
Customer: SWROC Field Report Prepared By:
Project ID: SMP Sampling Agency: DEP SWROC

Field ID/WIN G3SW0045

Site Name: Lake Pansy @ Center

Comments:

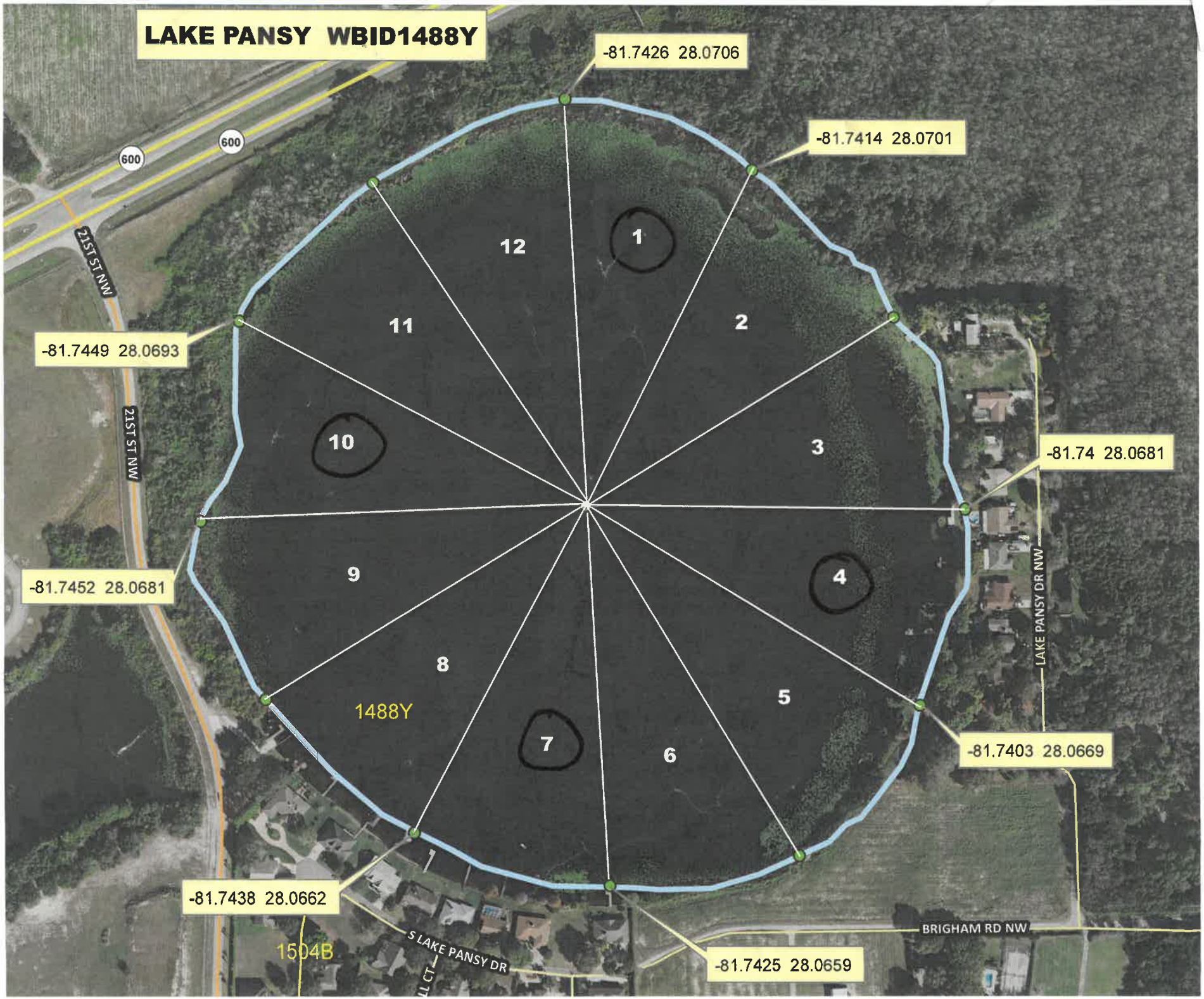
Matrix: (Fresh) / Marine (Check one) ☑ GRAB ☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C⁰)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTh)
6-1-20	1135 EST	8.34	110.5 ~~109~~	30.1	7.46	0.3	1.0 ☐ VOB (S)	3.5	143.5	0.07
	Cental Lab please use top row for login purposes									
	1130 EST	3.65	52.4	28.4	6.94	3.0		3.5	143.3	.07

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☑ ~~H_2SO_4~~*	☐ <2	1	A
	Lot # ~~SA9301030~~ **Exp:**	~~10/28/2020~~ 12-20-20			
Metals (P-500ML)	☑ W-ICPMS ~~SA9350~~ NA9225 ☑ W-ICP ~~4050~~ 4153 ☑ W-HARD	☑ Ice ☐ ~~HNO_3~~*	☑ <2	1	
	Lot # NA9189080 **Exp:**	~~7/8/2020~~			
Filtered Nutrients (P125ML)	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☐ Ice		1	
	Filter Lot # 16968882				
	Syringe Lot # 9056849				
Chlorophyll (BP-1L)	☑ CHLSUITE-W	☐ Ice		1	
Physical/Aggregate (Fresh)(P-1L)	☑ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice		1	
Physical/Aggregate (Marine P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☐ Ice			
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name: Amy Ashton Signature: Date: 6/01/2020

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution


LAKE PANSY WBID1488Y
-81.7426 28.0706
-81.7414 28.0701
-81.74 28.0681
-81.7403 28.0669
-81.7425 28.0659
-81.7438 28.0662
-81.7452 28.0681
-81.7449 28.0693
1
2
3
4
5
6
7
8
9
10
11
12
1488Y
1504B
600
600
21ST ST NW
21ST ST NW
LAKE PANSY DR NW
S LAKE PANSY DR
BRIGHAM RD NW

Field ID/WIN G3SW0045

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Waterbody: | County: Polk

Signature: | Date: 6-1-20

Site Name: Lake Pansy @ Center

*required. *Genera that may require lab verification*

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

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.

SPECIES (A-F)	7	4	1	10	Collected? (√)
Acer rubrum			X		
Alternanthera philoxeroides		X	X		
Andropogon sp.					
Azolla filiculoides (A. caroliniana)					
Baccharis sp.					
Bacopa caroliniana					
Bacopa monnieri					
Bidens laevis					
Bidens mitis					
Blechnum serrulatum				X	
Boehmeria cylindrica					
Brasenia schreberi					
Cabomba caroliniana					
Casuarina equisitifolia					
Centella asiatica					
Cephalanthus occidentalis			X	X	
Ceratophyllum demersum					
Chara sp.					
Cladium jamaicense					
Cliftonia monophylla					
Colocasia esculenta					
*Commelina					
Crinum americanum					
***Cyperus alternifolius** (C. involucratus)					
Cyperus articulatus					
Cyperus haspan					
*Cyperus lecontei					
*Cyperus polystachyos					
*Cyperus odoratus		X			
*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			X		
*Eleocharis vivip.	X	X	X	X	
Eleocharis cellulosa					
Eleocharis equisetoides					
Eleocharis interstincta					
*Eriocaulon compressum					
*Eriocaulon decangulare					
Eupatorium capillifolium					
*Fuirena					
Fuirena scirpoidea					

SPECIES (G-L)	7	4	1	10	Collected? (√)
Gordonia lasianthus					
Habenaria repens					
Hymenachne amplexicaulis					
Hydrilla verticillata		X		X	
Hydrocotyle sp.	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.					
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					

Site: | Date:

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

SPECIES (R-Z)	7	4	1	10	Collected? (√)
*Rhexia					
*Rhynchospora corniculata					
*Rhynchospora inundata					
Rhynochospora tracyi					
Ricciocarpus natans					
Sabal palmetto					
Sacciolepis striata					
*Sagittaria filiformis					
*Sagittaria graminea					
*Sagittaria isoetiformis					
Sagittaria lancifolia	X	X	X	X	
Sagittaria latifolia					
Salix caroliniana	X		X		
Salvinia minima					
Sambucus canadensis					
Sapium sebiferum					
Saururus cernuus					
Schinus terebinthifolius			X		
*Schoenoplectus californicus (Cali bulrush)					
*Schoenoplectus pungens (three square)					
*Schoenoplectus tabernaemontani (softsteam)		X			
Scirpus cubensis (Oxycaryon cubense)			X	X	
Scirpus cyperinus					
*Sesbania					
Solidago sp.					
Sparganium americanum					
Spartina bakeri					
Sphagneticola trilobata (Wedelia)					
Spirodela polyrhiza					
Taxodium sp.	X	X			
Thalia geniculata	X	X			
Thelypteris palustris					
Triadenum virginicum					
Typha sp.		X	X	X	
Urochloa mutica (Brachiaria mutica)					
*Utricularia gibba (U. biflora)					
*Utricularia floridana					
*Utricularia foliosa					
*Utricularia inflata					
*Utricularia purpurea					
*Utricularia cornuta					
*Utricularia radiata					
Vallisneria americana	C	D	X	C	
*Websteria confervoides					
Wolffiella spp.					
Woodwardia virginica					
Xyris sp.					
Zizania aquatica					
Zizaniopsis milacea					
Hibiscus (Pink) grandiflorus		X			

Field ID/WIN G3SW0045

0-31: LAKE OBSERVATION FIELD SHEET

): _____

LATITUDE: _____

LONGITUDE: _____

Site Name: Lake Pansy @ Center

SAMPLING AGENCY: _____

WBID: 1488V

FIELD ID/NAME: _____

LAKE SIZE: L RQ: _____

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)
30		10	10	50			

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 9	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
LAKESIDE ALTERATIONS 13	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)
	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6	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	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

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	30.1	7.46	10.5	8.34	143.5	0.07
Mid-Depth:							
Bottom :	3.0	28.4	6.94	52.4	3.65	143.3	0.07

Meter ID: _____

Clarity: ☑ Clear ☐ Opaque ☐ Turbid ☐ Slightly Turbid

Color: ☐ Clear ☑ Tannic ☐ Green

SECCHI (M) 1.0

VOB ☐

Total Station Depth (M) 3.5

Sediment Type: (may check more than one)

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

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

Sample Taken? ☐ Yes ☑ No

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: J. Ashton, B. Pollister

SIGNATURE:

DATE: 6-1-20

Field ID/WIN G3SW0045

Site Name: Lake Pansy @ Center

6: Lake Habitat Assessment Field Sheet

6-01-20

	DATE (MM/DD/YY)	LAKE NAME		FIELD ID / NAME:
ECO-REGION:	COUNTY: POLK	SAMPLING LOCATION/DESCRIPTION:		LAKE SIZE: LL
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 10	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 10	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 9	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 15	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 13	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 13	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 13	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 83 73	COMMENTS:	
ANALYSIS DATE: 6-1-20	ANALYST: J. Ashton, B. Pasmatter	SIGNATURE:

Request Number: RQ-2020-05-04-36

LVI C Kit Lakes

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By: Jusy Ashton

Collected By: J. Ashton, B. Paswater

Sampling Agency: FDEP

Location Field ID/WIN G3SW0045 Site Name: Lake Pansy @ Center	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 6/1/20 Time 1130 Eastern Central		Composite end Date Time			Bottle Group(s) (See pg 2) A
Field	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.34 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN	Temp (C) 30.1	pH 7.46	Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 143.5		
Latitu ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments				
Location Field ID/WIN G3SW0075 Site Name: Lake Deeson @ Center	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/1/20 Time 1315 Eastern Central		Composite end Date Time			Bottle Group(s) A
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.09 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		
WIN/ST	Temp (C) 30.6	pH 8.19	Sample Depth 0.3 ☐ ft ☒ m		Sp. Conductance (umho/cm) 192.4		
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.09	Comments				
Location	☐ 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)		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				
Location	☐ 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)		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	6/1/20 1700	FedEx	1		

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-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-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab 2
	W-HARD W-ICP W-ICPMS			

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			

Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 2
	W-PO4-F W-SO4-IC-F			