



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Floyd @ Center East

Date: 8-16-18
(mm/dd/yyyy)

WIN/ Field ID: G2SW0072

WBID: 1451V Latitude: 28.185208
(Decimal Degrees)

County: PASCO

ORG ID: 21FLTPA Longitude: -82.460531
(Decimal Degrees)

Receiving Body of Water: N/A

RQ-2018- 08-13-22

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>J. Ashford</u> <u>B. Ashwater</u> <u>S. Miller</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☐ Syringe			
										☐ Dipper	☐ Other			
										Depth Measured with Equipment ID				
										Collection Method				
										☐ Wading	☒ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / Normal <u>High</u> / Flooded					Meter ID# <u>CHWY</u>					Matrix: <u>Fresh</u> Marine / DI				
Photos: <u>Yes</u> / No					Flow: No Flow / Intestinal / Flowing <u>N/A</u>					Tide: Rising/ Falling/ Slack <u>N/A</u>				
Tide Times: High <u>Low</u>														
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	<u>1100</u>		<u>0.3</u>	<u>1.2</u>	<u>2.74</u>	<u>35.6</u>	<u>6.52</u>	<u>0.07</u>	<u>104.2</u>	<u>29.7</u>				
CEN		<u>3.8</u>	<u>3.3</u>		<u>0.12</u>	<u>1.5</u>	<u>6.00</u>	<u>0.07</u>	<u>157.2</u>	<u>26.5</u>				
Biological Samples Collected: None HA SCI RPS Algae ID LVS <u>LVI</u> Other:														
SBIO ID Numbers: SBIO-ID: <u>78882</u> HA-ID: <u> </u> RPS-ID: <u> </u> Macrophyte-ID: <u>11068</u> LIMS#: <u>2018083</u>														
Parameter Suite	Parameter Methods					Preservation	Lot#	Expiration	pH Check					
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					☒ Ice ☒ H2SO4	<u>SA8085170</u>	<u>03/26/19</u>	☒ <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								
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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					☐ Ice								
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice								
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					☐ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other								

Notes: SMPO8142018-FB

Field ID/WIN

G2SW0072

Site Name: Lake Floyd @ Center East

Signature: [Signature]

Date: 8-16-18

Enter Field Parameters/Verify Station ID In LIMS DMT: VBP 8/23/18 (118) QC Station ID, Field Parameters In LIMS DMT: SM 11/5/2018

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: SM 11/5/2018 8315 Verify Data In WIN: SM 12/1/2018 (Initials/Date)

Site: LAKE FLOYD

Date: 8-16-18

[illegible]

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

SAMPLE ID: 78882 MACROPHYTE ID: 11068 LATITUDE: _____
COUNTY: PASCO STORET #: 625100072 LONGITUDE: _____
DATE: 8-16-18 TIME: 1100 SAMPLING AGENCY: FWED
SITE NAME: LAKE FLOYD WBID: 1451V
FIELD ID/NAME: _____ LAKE SIZE: _____ RQ: 2018-08-13-22

WATERSHED / LAKESIDE FEATURES

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)	LDI: _____						
<u>35</u>				<u>45</u>	<u>20</u>			Land Use Source & Year:						
Local Watershed Erosion (select one): ☐ None ☒ Slight ☐ Moderate ☐ Heavy								Artificially Impounded ☐ Yes ☐ No						
Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☒ Moderate ☐ Heavy														
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>10</u>		20 19 18 17 16			15 14 13 12 11			<u>10</u> 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>13</u>		20 19 18 17 16			15 14 <u>13</u> 12 11			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>14</u>		20 19 18 17 16			15 <u>14</u> 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 ☐ 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>29.7</u> <u>6.52</u> <u>2.74</u> <u>35.6</u> <u>104.2</u> <u>0.07</u> Mid-Depth: _____ _____ _____ _____ _____ _____ _____ Bottom: <u>3.3</u> <u>26.5</u> <u>6.00</u> <u>0.12</u> <u>1.5</u> <u>6.00</u> <u>0.07</u> Meter ID: _____										Clarity: ☒ Clear ☐ Opaque ☐ Turbid ☐ Slightly Turbid Color: ☒ Clear ☐ Tannic ☐ Green SECCHI (M) <u>1.2</u> Total Station Depth (M) <u>3.8</u> VOB ☐									
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 ☐ 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 ☐ ☒ ☐ ☐									
Weather Conditions: <u>Sunny 90s</u>																			
SAMPLING TEAM: <u>J. ASHMAN, B. PASIOWATZ, S. MEYER</u>										SIGNATURE: <u>[Signature]</u>					DATE: <u>8-16-18</u>				

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Floyd_LVI

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: J Ashton

Project ID: SMP

Collected By: J Ashton, B Paswater, S Meyer

Sampling Agency: FDEP SW ROC

Location	Field ID/WIN		G2SW0072		☐ Comp ☒ Grab		Collection (comp begin or grab)		☐ Eastern ☒ Central		Composite end		Bottle Group(s)	
Field	Date		8-16-18		Time		1100		Date		Time		(See pg 2)	
WIN	Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		2.74		mg/L		Total Res. Chlorine		A	
Site Name:	Lake Floyd Center East		Temp (C)		29.7		pH		6.52		Sample Depth		0.3	
Lat/L	☐ dd ☐ dms		Salinity (ppt)		0.07		Comments		E. COLI DROPPED OFF 2 ALL		Sp. Conductance (umho/cm)		104.2	
Location	Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID	Date				Time				Date		Time			
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L		Total Res. Chlorine			
Latitude	☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Sp. Conductance (umho/cm)			
Location	Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID	Date				Time				Date		Time			
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L		Total Res. Chlorine			
Latitude	☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Sp. Conductance (umho/cm)			
Location	Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID	Date				Time				Date		Time			
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L		Total Res. Chlorine			
Latitude	☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Sp. Conductance (umho/cm)			
Location	Field ID				☐ Comp ☐ Grab		Collection (comp begin or grab)		☐ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field ID	Date				Time				Date		Time			
WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)				Diss. Oxygen				mg/L		Total Res. Chlorine			
Latitude	☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Sp. Conductance (umho/cm)			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	8-16-18 1700	FED EX	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	SWD-AEL-EC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						

H2SO4
LOT# SA8885178
EXP: 03/26/19



☐	Gainesville: 4985 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6839
☐	Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
☐	Tallahassee: 2839 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
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