



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

B-KIT

PAGE 1 OF 1

Data Qualified?

Yes ☒ No ☐

STORET Station Name: LAKE ARMISTEAD CEN.

Date: 2-7-17

STORET Station ID: 615W0030 WBID: 15194 Latitude: 28.1015 N

County: HILLS RQ: 2017-02-06-27 ORG ID: 21FLTPA Longitude: 82.3397

Receiving Body of Water: Field ID: 615W0030

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashton					X	X			
SAMAH MEYER						X	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# LILJON Photos: Yes / No Tide Falling: Yes / No / NA

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	12:50	0.3	3.6	9.0	101	7.4	0.08		173	20.5
				8.4	89.2			0.7		
CEN		3.1		4.9	51	7.5	0.08		171	17.5

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

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

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			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-C / 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 ☐ Enteroc ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Contains
1:1
Sulfuric Acid
SA-6242080
EXP: 08/29/17
Warning!
See SDS

Preservative Sticker(s) Here
(If Available)

Notes:

RQ-2017-02-06-27

Date: 02/06/2017

Time:

ARMISTEAD

G15W0030

↓ STORET Field ID ↑

G15W0030

Signature:

Date: 2-7-17

Field Parameters Entered into LIMS: SM 02/09/2017

Field Parameters QC in LIMS: SC 02/13/2017 SM 04/19/2017

Date Migrated to STORET: MB 5/16/17 122341

Field Sheets Scanned/Saved: SM 08/30/2017

17-02-08-01 8116

(Initials/Date)

Request Number: RQ-2017-02-06-27

SMP RUN 9

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Page 1 of 2
last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: Judy Ashton, Sarah MeyerSampling Agency: FDLP

Location RQ-2017-02-06-27 Date: 02/06/2017 Time: <u>9:15</u>		Field ID G1SW0044		Collection (comp begin or grab) ☒ Comp ☒ Grab Date <u>2-7-17</u> Time <u>9:15</u>		Eastern Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
STORET # BELLOWS LK		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen <u>9.4</u> ☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>19.4</u> pH <u>8.6</u>		Sample Depth <u>0.3</u> ☐ ft ☒ m		Sp. Conductance (umho/cm) <u>152</u>	
Salinity (ppt) <u>0.07</u>		Comments							
Location RQ-2017-02-06-27 Date: 02/07/17 Time: <u>12:00</u>		Field ID G1SW0053		Collection (comp begin or grab) ☒ Comp ☒ Grab Date <u>2-7-17</u> Time <u>12:00</u>		Eastern Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
STORET # ROCKY CRK		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen <u>8.7</u> ☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A 2-21-17	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>18.5</u> pH <u>7.4</u>		Sample Depth <u>0.3</u> ☐ ft ☒ m		Sp. Conductance (umho/cm)	
Salinity (ppt) <u>0.15</u>		Comments <u>GROUP C - ALGAL ID 2-21-17</u>							
Location RQ-2017-02-06-27 Date: 02/06/2017 Time: <u>12:50</u>		Field ID G1SW0030		Collection (comp begin or grab) ☒ Comp ☒ Grab Date <u>2-7-17</u> Time <u>12:50</u>		Eastern Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
STORET # ARMISTEAD		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen <u>9.0</u> ☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A 2-21-17	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C) <u>20.5</u> pH <u>7.4</u>		Sample Depth <u>0.3</u> ☐ ft ☒ m		Sp. Conductance (umho/cm) <u>173</u>	
Salinity (ppt) <u>0.08</u>		Comments <u>GROUP C - ALGAL ID 2-21-17</u>							
Location		Field ID		Collection (comp begin or grab) ☐ Comp ☐ Grab Date _____ Time _____		Eastern Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
STORET #		Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen ☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C)		pH		Sample Depth ☐ ft ☐ m	
Salinity (ppt)		Comments							

Relinquished By: <u>JUDY ASHTON</u>	Date/Time <u>2-7-17 17:00</u>	Shipping Method <u>FRS LK</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>AS</u>	Date/Time <u>2/8/17 11:35</u>
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REVISED + SENT TO JENNIFER WATERS IN TLH

Customer: SW-DIST
Project ID: SMP

Requester: Judy Ashlon
Collected By: JUDY ASHLON SARAH MEYER

Field Report Prepared By: Judy A. Brown
Sampling Agency: FDLP

Location	RQ-2017-02-06-27 Date: 02/06/2017 Time:	G1SW0044	☐ Comp ☒ Grab Date 2-7-17 Time 9:15 Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen Temp (C) 19.4 pH 8.6 Sample Depth 0.3 m Sp. Conductance (umho/cm) 152	Eastern Composite and Central Date Time mg/L Total Res. Chlorine % sat (mg/L)	Bottle Group(s) (See pg 2) A
Field ID	STORET # BELLOWS LK	Longitude Latitude dd dms dd dms	Solinity (ppt) 0.07 Comments		
Location	RQ-2017-02-06-27 Date: 02/07/17 Time:	G1SW0053	☐ Comp ☒ Grab Date 2-7-17 Time 12:00 Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen Temp (C) 18.5 pH 7.4 Sample Depth 0.3 m Sp. Conductance (umho/cm)	Eastern Composite and Central Date Time mg/L Total Res. Chlorine % sat (mg/L)	Bottle Group(s) A
Field ID	STORET # ROCKY CRK	Longitude Latitude dd dms dd dms	Solinity (ppt) 0.15 Comments		
Location	RQ-2017-02-06-27 Date: 02/06/2017 Time:	G1SW0030	☐ Comp ☒ Grab Date 2-7-17 Time 12:50 Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen Temp (C) 20.5 pH 7.4 Sample Depth 0.3 m Sp. Conductance (umho/cm) 173	Eastern Composite and Central Date Time mg/L Total Res. Chlorine % sat (mg/L)	Bottle Group(s) A/B/C
Field ID	STORET # ARMISTEAD	Longitude Latitude dd dms dd dms	Solinity (ppt) 0.08 Comments GLOWAC = ALGAL ID		
Location			☐ Comp ☒ Grab Date Time Matrix (type, e.g., Salt, Fresh, etc.) Diss. Oxygen Temp (C) pH Sample Depth Sp. Conductance (umho/cm)	Eastern Composite and Central Date Time mg/L Total Res. Chlorine % sat (mg/L)	Bottle Group(s)
Field ID			Longitude Latitude dd dms dd dms		
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JUDY ASHMAN	2-7-17 17:00	FEA LK	2		2/8/17 14:35

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-PLTR Enter Number of Bottles Sent to Lab 3

W-PO4-F

Group: B Bottle Type: P-120ML-WC-Tri # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1

~~SWD-AEL-EN~~

GROUP B MI-PW-QLDC 2L FORMULIN ICE

GROUP C 50ML ALGAL ID RANK # 3-4

edEx Express **Package US Airbill** FedEx Tracking Number **8111 7111 0260**

From Please print and press hard.

Date **02/07/2017** Sender's FedEx Account Number

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

Company

Address **13051 N Telecom Pkwy** Dept./Floor/Suite/Room

City **TEMPLE TERRACE** State **FL** ZIP **33637**

Your Internal Billing Reference

First 24 characters will appear on invoice.

To Recipient's Name Phone **(850) 245-8085**

Company **FLORIDA DEP/CHEMISTRY SECTION**

Address **2600 BLAIRSTONE RD** Dept./Floor/Suite/Room

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

Address

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

City **TALLAHASSEE** State **FL** ZIP **32399-6542**

0125636852

MUR4

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.

2nd Business Day

☐ **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, 9, UN 1845 x kg

☐ **Cargo Aircraft Only**

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

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 **Total Weight** **Total Declared Value†**

1 **50** lbs. \$ **00**

†Our 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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