



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

A-KIT

PAGE 1 OF 1

Data Qualified?
Yes / No

STORET Station Name: LAKE HIAWATHA

Date: 12/01/2016
(mm/dd/yyyy)

STORET Station ID: 24040057

Latitude: 28.170111 N
(Decimal Degrees)

WBID: 1464 V RQ - 2016-11-28-67

ORG ID: 21FLTPA

Longitude: -82.574833 W
(Decimal Degrees)

Receiving Body of Water:

Field ID: G1SW0017

County: HILLSBOROUGH

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
SARAH ERNST			X		X	X
STEPHEN CUNGERMAN		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 / Low / Normal / High / Flooded Matrix: Fresh / Marine / DI
Meter ID# G1SW0017 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 (umhos/cm)	Temp. (C°)
EST	11:55	0.3	3.7	8.3	95	7.7	0.06	1.3	127	21.9
CEN		3.2		6.8	76	7.1	0.06		127	21.3

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 um Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
BOD	☐ BOD-UNIN	☐ Ice			
Physical/Aggregate (Kit A)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Kit B)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ QPCR	☐ Ice			
Periphyton	☐ ALGAE-ID	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PC-AA-SF ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			
Flow m/s	"J" Qualify Flow				

Contains
1:1
Sulfuric Acid
SA-6209120
EXP: 07/27/17
Warning!
See SDS

Notes:

RQ-2016-11-28-67
Date: ~~11/30/16~~
Time: 12-1-16
HIAWATHA

G1SW0017
Field ID
STORET
24040057

Signature: *Stephen C. Cuncerman* Date: 12/01/2016

Field Parameters Entered into LIMS: *SC* 12/07/16 Field Parameters QC in LIMS: *SC* 01/09/17
Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: (Initials/Date)

Request Number: RQ-2016-11-28-67

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S Ernst

Project ID: SMP

Collected By: S Clingerman & S Ernst

Sampling Agency: FDER-DEAR-SWROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/01/2016 Time 1035	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	RQ-2016-11-28-67 Date: 11/30/16 Time: KLOSTERMAN N.	Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 6.9 ☒ mg/L 87 ☒ % sat	Total Res. Chlorine (mg/L)	A
STORET #	G5SW0039 Field ID STORET	Temp (C) 23.4	pH 7.5	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 20381	
Latitude	121-16 280652708245456	☐ dd ☐ dms	Salinity (ppt) 12.1	Comments		
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 12/01/2016 Time 1135	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	RQ-2016-11-28-67 Date: 11/30/16 Time: HIAWATHA	Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.3 ☒ mg/L 95 ☒ % sat	Total Res. Chlorine (mg/L)	A
STORET #	G1SW0017 Field ID STORET	Temp (C) 21.9	pH 7.7	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 127	
Latitude	121-16 24040057	☐ dd ☐ dms	Salinity (ppt) 0.06	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)	
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)	
STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: Sarah Ernst	Date/Time 12/01/2016 1600	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	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	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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: 1	Preservative:	ICE-FLTR.	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						

From Please print and press hard.

Date 11/30/16 12/16 Sender's FedEx Account Number

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

Company

Address 13051 W. 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 SAMPLE RECEIVING Phone (850) 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

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

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

City TALLAHASSEE State FL ZIP 32399

0124031825

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, 8, 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 Total Weight Total Declared Value*

1 50 lbs. \$ 0.00

*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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