A-KIT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

PAGE 1 OF 1

Data Qualified? Yes / (No)

STORET Station Name: Lake Iola East Date: 05/03/2016 (mm/dd/yyyy)

STORET Station ID: G5SW0019 Latitude: 28°23'40.85" N (Decimal Degrees)

WBID: 1329A RQ - 2016-05-02-73 ORG ID: 21FLTPA Longitude: 82°17'49.22" W (Decimal Degrees)

Receiving Body of Water: — Field ID: G5SW0019 County: Pasco

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Stephen Klingerman	X		X		
Ashley Salmeron		X		X	X

Sampling Equipment

- [X] Sample Container
- [ ] Van Dorn
- [ ] Pole
- [ ] Carboy
- [X] Syringe
- [ ] Dipper
- [ ] Other
- Equipment ID

Collection Method

- [ ] Wading
- Via Boat:
  - [X] Canoe/Kayak
  - [X] Electric Motor
  - [ ] Gasoline Motor
- [ ] From Shore
- [ ] Other (note below)

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

Matrix: (Fresh) / Marine / DI

Meter ID# Lisa Son

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	0910	0.3	8.6	8.6	109	8.9	0.07	2.8	147	27.8
CEN		7.5		0.6	6	7.0	0.07		141	18.2

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

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	[X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[X] Ice [X] H_2SO_4			[X] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[X] W-PO4-F [X] Field Filtered 0.45 µm Filter	[X] Ice			
Chlorophyll	[X] CHLSUITE-W	[X] Ice			
BOD	[ ] BOD-UNIN	[ ] Ice			
Physical/Aggregate (Kit A)	[X] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[X] Ice			
Physical/Aggregate (Kit B)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Microbiology	[ ] E Coli [ ] F Coli [ ] Entero [ ] 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				

Notes:
- Bottom depth taken at cord max

RQ-2016-05-02-73
Date: 05/03/16
Time:

G5SW0019

Signature: Stephen Klingerman Date: 05/03/2016

Field Parameters Entered into LIMS: _____ (Initials/Date) Field Parameters QC in LIMS: _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: _____ (Initials/Date)

MUR3

FedEx Express Package US Airbill

FedEx Tracking Number 8092 3436 2753

Form ID No. 0215

1 From *Please print and press hard.*

Date 05/03/2016 Sender's FedEx Account Number

Sender's Name Phone (813) 470-5700

Company FDEP

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

City Temple Terrace State FL ZIP 33637

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To

Recipient's Name SAMPLE RECEIVING 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

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.

0120775907

Learn to pack like a pro. Go to fedex.com/packaging

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the new 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

☐ 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. *Fee applies.*

☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

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

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ 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 ____ lbs. Total Declared Value† $ ____ .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.

611

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

Request Number: RQ-2016-05-02-73

1329Z, 1329P, 1392A

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: S.CLINGERMAN / A.SALMERON

Field Report Prepared By: S. CLINGERMAN

Sampling Agency: DEP-SWRC-ZIALTPA

Location: LAKE IOLA EAST

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 05/03/16 Time 0910 Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Field ID: RQ-2016-05-02-73 Date: 05/03/16 Time: — G5SW0019

STORE

Latitude ☐ dms

Matrix (type, e.g., Salt, Fresh, etc): FRESH

Diss. Oxygen 8.6 ☒ mg/L 109 ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.8 | pH 8.9 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 147

☐ dd ☐ dms

Salinity (ppt) 0.07

Comments

Location: LAKE IOLA WEST

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 05/03/16 Time 0925 Eastern / Central | Composite end Date Time | Bottle Group(s): A

Field ID: RQ-2016-05-02-73 Date: 05/03/16 Time: — G5SW0018

STORET

Latitude ☐ dms

Matrix (type, e.g., Salt, Fresh, etc): FRESH

Diss. Oxygen 9.0 ☒ mg/L 114 ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C) 27.8 | pH 9.0 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 147

☐ dd ☐ dms

Salinity (ppt) 0.07

Comments

Location: NEFF LAKE SW

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 05/03/16 Time 1010 Eastern / Central | Composite end Date Time | Bottle Group(s): A

Field ID: RQ-2016-05-02-73 Date: 05/03/16 Time: — G4SW0089

STORET #

Latitude ☐ dms

Matrix (type, e.g., Salt, Fresh, etc): FRESH

Diss. Oxygen 8.9 ☒ mg/L 116 ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.7 | pH 8.5 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 87

☐ dd ☐ dms

Salinity (ppt) 0.04

Comments

Location: NEFF LAKE SE

Comp ☐ Grab ☒ | Collection (comp begin or grab) Date 05/03/16 Time 1020 Eastern / Central | Composite end Date Time | Bottle Group(s): A

Field ID: RQ-2016-05-02-73 Date: 05/03/16 Time: — G4SW0090

STOR

Latitu ☐ dms

Matrix (type, e.g., Salt, Fresh, etc): FRESH

Diss. Oxygen 7.8 ☒ mg/L 100 ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.2 | pH 7.9 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 86

☐ dd ☐ dms

Salinity (ppt) 0.04

Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	05/03/16 1700	FedEx	3		

Request Number: RQ-2016-05-02-73

1329Z, 1329P, 1392A

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: S. CLINGERMAN / A. SALMERON

Field Report Prepared By: S. CLINGERMAN

Sampling Agency: FDEP- SWROC-ZIFTPA

Location: NEFF LAKE N

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 05/03/16 Time 1035 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Field ID: RQ-2016-05-02-73 G4SW0088 Date: 05/03/16 Time:

STOR

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 8.1 mg/L, 105 % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.4 | pH 8.2 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 87

Latitu ☐ dd ☐ dms ☐ dms | Salinity (ppt) 0.04 | Comments

Location: NEFF LAKE C

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 05/03/16 Time 1045 Eastern Central | Composite end Date Time | Bottle Group(s): A

Field ID: RQ-2016-05-02-73 G4SW0087 Date: 05/03/16 Time:

STORE

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 8.1 mg/L, 99 % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.7 | pH 8.5 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 87

Latitude ☐ dd ☐ dms ☐ dms | Salinity (ppt) 0.04 | Comments

Location: DOWLING LAKE 1

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 05/03/16 Time 1135 Eastern Central | Composite end Date Time | Bottle Group(s): A

Field ID: RQ-2016-05-02-73 G4SW0083 Date: 05/03/16 Time:

STORET

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 5.8 mg/L, 72 % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.3 | pH 6.5 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 108

Latitude ☐ dd ☐ dms ☐ dms | Salinity (ppt) 0.05 | Comments

Location: DOWLING LAKE 2

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 05/03/16 Time 1145 Eastern Central | Composite end Date Time | Bottle Group(s): A

Field ID: RQ-2016-05-02-73 G4SW0084 Date: 05/03/16 Time:

STORET

Matrix (type, e.g., Salt, Fresh, etc): FRESH | Diss. Oxygen 5.8 mg/L, 69 % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.5 | pH 6.5 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 108

Latitude ☐ dd ☐ dms ☐ dms | Salinity (ppt) 0.05 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	05/03/16 1700	FedEx	3		

Request Number: RQ-2016-05-02-73

1329Z, 1329P, 1392A

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: S. CLINGERMAN / A. SALMERON

Field Report Prepared By: S. CLINGERMAN

Sampling Agency: FDEP - SWREC - ZIFLTPA

Location: DOWLING LAKE 3	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1155	Eastern / Central	Composite end Date / Time	Bottle Group(s) (See pg 2): A
Field ID: RQ-2016-05-02-73 Date: 05/03/16 Time: G4SW0085	Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen 5.9 mg/L, 74 % sat	Total Res. Chlorine (mg/L)	
STORET #	Temp (C) 28.4	pH 6.6	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 108	
Latitude ☐ dd ☐ dms	Salinity (ppt) 0.05	Comments			
Location: DOWLING LAKE 4	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 05/03/16 Time 1205	Eastern / Central	Composite end Date / Time	Bottle Group(s): A
Field ID: RQ-2016-05-02-73 Date: 05/03/16 Time: G4SW0086	Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen 5.6 mg/L, 76 % sat	Total Res. Chlorine (mg/L)	
STORET #	Temp (C) 28.2	pH 6.6	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 108	
Latitude ☐ dd ☒ dms	Salinity (ppt) 0.05	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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	05/03/16 1700	FedEx	3		

Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	10
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	P-1L	# of Bottles: 10	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	10
	BOD-UNIN						
Group: A	Bottle Type:	BP-1L	# of Bottles: 10	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	10
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 10	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	10
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 10	Preservative:	ICE-FLTR	**Enter Number of Bottles Sent to Lab**	10
	W-PO4-F						