A-KIT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2016

Data Qualified? Yes / (No)

STORET Station Name: TOOKE LAKE C Date: 04/28/2016 (mm/dd/yyyy)

STORET Station ID: G5SW0121 Latitude: 28° 34' 7.04" N (Decimal Degrees)

WBID: 1382C RQ-2016-04-25-44 ORG ID: 21FLTPA Longitude: 82° 33' 8.59" W (Decimal Degrees)

Receiving Body of Water: — Field ID: G5SW0121 County: HERNANDO

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
ASHLEY SALMERON		X	X		
STEPHEN CLINGERMAN	X			X	X

Sampling Equipment

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

Equipment ID

Collection Method

- [ ] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat
- [X] Canoe/Kayak
- [X] Electric Motor
- [ ] Gasoline Motor

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

Matrix: (Fresh) / Marine / DI

Meter ID# LIL' JON 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)	1150	0.3	1.3	8.3	105	7.5	0.02	1.0	55	27.7
CEN										

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	[X] BOD-UNIN	[X] 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:

RQ-2016-04-25-44
Date: 04/28/16
Time:

G5SW0121

Signature: [signature] Date: 04/28/2016

Field Parameters Entered into LIMS: SC 05/02/16 (Initials/Date) Field Parameters QC in LIMS: (Initials/Date)

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

MUR4

FedEx Express Package US Airbill

FedEx Tracking Number 8041 3592 5459

Form ID No. 0215

1 From *Please print and press hard.*

Date 04/28/2016 Sender's FedEx Account Number

Sender's Name FDEP Phone (813) 470-5770

Company

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 CHEMISTRY RECEIVING Phone (850) 245-8085

Company DEPT ENVIRONMENTAL PROTECTION

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.

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.

City TALLAHASSEE State FL ZIP 32399-6542

0110546180

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.
- [X] 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.

Second 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
- [X] 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.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. or Credit Card No. 4503-8868-8 Exp. Date

Total Packages	Total Weight	Total Declared Value†
1	50 lbs.	$ .00

611

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

Request Number: RQ-2016-04-25-44

1361A, 1382C, 1341H, 1348A

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-ZIFLTPA

Location	Collection	Composite end	Bottle Group(s) (See pg 2)
BLUEBIRD SPRINGS	☐ Comp ☒ Grab; Date 04/28/2016 Time 1110 Eastern/Central	Date Time	A
Field ID: RQ-2016-04-25-44 Date: 04/28/16 Time: G5SW0028	Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen 4.4 mg/L, 50 % sat	Total Res. Chlorine (mg/L)
STOF	Temp (C) 23.6	pH 7.6	Sample Depth 0.3 ☐ ft ☒ m; Sp. Conductance (umho/cm) 608
Latitu ☐ dd ☐ dms	Salinity (ppt) 0.29	Comments	

Location	Collection	Composite end	Bottle Group(s)
TOOKE LAKE C	☐ Comp ☒ Grab; Date 04/28/2016 Time 1150 Eastern/Central	Date Time	A
Field ID: RQ-2016-04-25-44 Date: 04/28/16 Time: G5SW0121	Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen 8.3 mg/L, 105 % sat	Total Res. Chlorine (mg/L)
STOI	Temp (C) 27.7	pH 7.5	Sample Depth 0.3 ☐ ft ☒ m; Sp. Conductance (umho/cm) 55
Latitu ☒ dd ☐ dms	Salinity (ppt) 0.02	Comments	

Location	Collection	Composite end	Bottle Group(s)
TOOKE LAKE N	☐ Comp ☒ Grab; Date 04/28/2016 Time 1155 Eastern/Central	Date Time	A
Field ID: RQ-2016-04-25-44 Date: 04/28/16 Time: G5SW0122	Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen 8.1 mg/L, 103 % sat	Total Res. Chlorine (mg/L)
STOR	Temp (C) 27.7	pH 7.3	Sample Depth 0.3 ☐ ft ☒ m; Sp. Conductance (umho/cm) 53
Latitude ☐ dd ☐ dms Longitude	Salinity (ppt) 0.02	Comments	

Location	Collection	Composite end	Bottle Group(s)
SKINNER LAKE C	☐ Comp ☒ Grab; Date 04/28/2016 Time 1325 Eastern/Central	Date Time	A
Field ID: RQ-2016-04-25-44 Date: 04/28/16 Time: G5SW0043	Matrix (type, e.g., Salt, Fresh, etc): FRESH	Diss. Oxygen 7.9 mg/L, 97 % sat	Total Res. Chlorine (mg/L)
ST	Temp (C) 27.5	pH 9.5	Sample Depth 0.3 ☐ ft ☒ m; Sp. Conductance (umho/cm) 91
Lat ☐ dd ☐ dms	Salinity (ppt) 0.04	Comments	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	04/28/2016 1700	FedEx	2		

Group:		Bottle Type:		# of Bottles:		Preservative:		Enter Number of Bottles Sent to Lab
A	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	4		ICE		4
A	BOD-UNIN	P-1L	4		ICE		4
A	CHLSUITE-W	BP-1L	4		ICE		4
A	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	4		ICE And H2SO4		4
A	W-PO4-F	P-125ML	4		ICE-FLTR		4