



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: BIG VIENNA LAKE S.

Date: 10-20-16
(mm/dd/yyyy)

STORET Station ID: G55W0114

Latitude: 28°12'20.75"N
(Decimal Degrees)

WBID: 1456B RQ: 2016-10-17-28 ORG ID: 21FLTPA

Longitude: 82°28'12.88"W
(Decimal Degrees)

Receiving Body of Water: —

Field ID: G55W0114

County: PALCO

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
JUAN ASHTON						X		X	X
STEVEN CHILDERMAN					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 / <u>Normal</u> / High / Flooded							Matrix: <u>Fresh</u> / Marine / DI			
Meter ID# <u>LIL JON</u>			Photos: Yes / <u>NO</u>				Tide Falling: Yes / No / <u>NA</u>			
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	1100	0.3	1.9	8.0	100	7.0	0.08	1.4	162	26.9
CEN		1.4		8.0	100	7.0	0.07		161	26.5

Biological Samples Collected: <u>None</u> HA SCI LVS RPS LVI Other									
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 ☐ HNO2			☐ <2	
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice				
Chlorophyll	☒ CHLSUITE-W				☒ Ice				
BOD	☐ BOD-UNIN				☐ Ice				
Physical/Aggregate (Kit A)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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								

Notes:	RQ-2016-10-17-28 Date: 10/20/2016 Field ID: <u>G55W0114</u> Time: <u>11:18</u> STORET: <u>G55W0114</u>

Signature: <u>[Signature]</u>	Date: <u>10-20-16</u>

Field Parameters Entered into LIMS: <u>SC 11/18/16</u>	Field Parameters QC in LIMS: <u>SC 01-04-17 SE 11/11/17</u>
Date Migrated to STORET: <u>11/18/16</u>	Field Sheets Scanned/Saved: <u>11/11/17</u>

Request Number: 2016-10-17-28
Run 10

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: SW-DIST
Project ID: SMP

Requester: Judy Ashton
Collected By: J. Ashton, S. Cunniff

Field Report Prepared By: Judy Ashton
Sampling Agency: FALP 21 PLTPA

Station	LAKE THOMAS	Collection (comp begin or grab)	Composite end	Bottle Group(s)
ID	RQ-2016-10-17-28	Date 10-20-16 Time 9:45	Date	(See pg 2)
ORET #	24040132	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.5 % sat 93	Total Res. Chlorine (mg/L)
Time		Temp (C) 26.3	pH 6.1	Sp. Conductance (umho/cm) 103
STORET:		Salinity (ppt) 0.05	Sample Depth 0.3	
Comments				A

Station	LAKE THOMAS	Collection (comp begin or grab)	Composite end	Bottle Group(s)
ID	RQ-2016-10-17-28	Date 10-20-16 Time 10:30	Date	(See pg 2)
ORET #	24040112	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.3 % sat 90	Total Res. Chlorine (mg/L)
Time		Temp (C) 26.4	pH 6.1	Sp. Conductance (umho/cm) 102
STORET:		Salinity (ppt) 0.05	Sample Depth 0.3	
Comments				A

VIENNA LAKE N.

Station	VIENNA LAKE N.	Collection (comp begin or grab)	Composite end	Bottle Group(s)
ID	RQ-2016-10-17-28	Date 10-20-16 Time 10:30	Date	(See pg 2)
ORET #	24040115	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 7.3 % sat 90	Total Res. Chlorine (mg/L)
Time		Temp (C) 26.4	pH 7.0	Sp. Conductance (umho/cm) 171
STORET:		Salinity (ppt) 0.08	Sample Depth 0.3	
Comments				A

VIENNA LAKE S.

Station	VIENNA LAKE S.	Collection (comp begin or grab)	Composite end	Bottle Group(s)
ID	RQ-2016-10-17-28	Date 10-20-16 Time 10:40	Date	(See pg 2)
ORET #	24040116	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.8 % sat 88	Total Res. Chlorine (mg/L)
Time		Temp (C) 26.5	pH 6.9	Sp. Conductance (umho/cm) 170
STORET:		Salinity (ppt) 0.08	Sample Depth 0.3	
Comments				A

Relinquished By:	Date/Time	Received By:	Date/Time
Sgt	10/20 1800	Red Ex	

Group: A	Bottle Type: P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				
	TURBIDITY				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: A	Bottle Type: P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	BOD-UNIN				
Group: A	Bottle Type: BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W				
Group: A	Bottle Type: P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F				

ANALYST

Request Number: 2016-10-17-28

Run to

Florida Department of Environmental Protection Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: J. Ashton / S. Cingerman

Field Report Prepared By: Stephen Cingerman

Sampling Agency: 21FLTPA / DEP

last revised Nov 10, 2015

Station **BIG VIENNA LAKE NORTH**

ID ID RQ-2016-10-17-28

ORET # Date: 10/20/2016 Field ID: G5SW0113

Time: STORET: G5SW0113

Latitude

Longitude

Altitude

Matrix (type, e.g., Salt, Fresh, etc) **7.1**

Temp (C) **26.8**

pH **7.1**

Salinity (ppt) **0.08**

Comments

Sample Depth **0.3**

Sp. Conductance (umho/cm) **162**

Diss. Oxygen **7.7**

Total Res. Chlorine (mg/L) **97**

Composite end Date **11/5** Time **1115**

Bottle Group(s) (See pg 2) **A**

Station **BIG VIENNA LAKE S**

ID ID RQ-2016-10-17-28

ORET # Date: 10/20/2016 Field ID: G5SW0114

Time: STORET: G5SW0114

Latitude

Longitude

Altitude

Matrix (type, e.g., Salt, Fresh, etc) **7.0**

Temp (C) **26.9**

pH **7.0**

Salinity (ppt) **0.08**

Comments

Sample Depth **0.3**

Sp. Conductance (umho/cm) **162**

Diss. Oxygen **7.0**

Total Res. Chlorine (mg/L) **100**

Composite end Date **11/5** Time **1100**

Bottle Group(s) **A**

Station

ID ID

ORET #

Latitude

Longitude

Altitude

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

Temp (C)

pH

Salinity (ppt)

Comments

Sample Depth

Sp. Conductance (umho/cm)

Diss. Oxygen

Total Res. Chlorine (mg/L)

Composite end Date

Time

Bottle Group(s)

Station

ID ID

ORET #

Latitude

Longitude

Altitude

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

Temp (C)

pH

Salinity (ppt)

Comments

Sample Depth

Sp. Conductance (umho/cm)

Diss. Oxygen

Total Res. Chlorine (mg/L)

Composite end Date

Time

Bottle Group(s)

Published By: **Steph** Date/Time: **10-20 1800** Shipping Method: **Red EX** Received By: **Steph** Date/Time: **10-20 1800** Relinquished By: **Steph** Date/Time: **10-20 1800** Received By: **Steph** Date/Time: **10-20 1800**

Group: A	Bottle Type: P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY				6
	TURBIDITY				
	W-CL-IC				
	W-COLOR				
	W-F				
	W-SO4-IC				
	W-TDS				
	W-TSS				
Group: A	Bottle Type: P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	BOD-UNIN				6
Group: A	Bottle Type: BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHL.SUITE-W				6
Group: A	Bottle Type: P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab
	W-NH3				6
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab
	W-PO4-F				6

1 From Please print and press hard.

Date **10/20/2016** 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.



Leave the packing to the pros at FedEx Office
 Call 1-800-FedEx-Office

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
 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. **4490-2262-9** Exp. Date _____
 Total Packages **1** Total Weight **30** lbs. Total Declared Value* \$ _____

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.
 Rev. Date 5/15 • Part #183134 • ©1994-2015 FedEx • PRINTED IN U.S.A. SRM

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MUR 4

1 From Please print and press hard.

Date **10-20-2016** 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**

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3 To

Recipient's Name **SAMPLE RECEIVING** Phone **(850) 245-8085**
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 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.

4 Express Package Service

* To most locations.

Packages up to 150 lbs.
 For packages over 150 lbs., use the
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 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
 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. **4490-2262-9** Exp. Date _____
 Total Packages **1** Total Weight **30** lbs. Total Declared Value* \$ _____

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.
 Rev. Date 5/15 • Part #183134 • ©1994-2015 FedEx • PRINTED IN U.S.A. SRM

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