

SMP: Group 4 Streams

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Ben Paswater, Danny Berger, Chris Link

Sampling Agency:

FDEP South

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/12/2016 Time 1320	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2016-01-11-37 1/12/2015 Time: LWO @ SR 66	SD011215-6 Field ID STORET KISSRV0012FTM	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.1 @ 97%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 18.4	pH 4.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 97
	☐ dd ☐ dms	Salinity (ppt)	Comments Secchi: 0.4 m Depth: 0.8 m		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/12/2016 Time 1400	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-01-11-37 1/12/2015 Time: Placid June Canal @ end of Lake Groves Rd	SD011215-7 Field ID STORET KISSRV0053FTM	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.1 @ 98%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 19.0	pH 5.7	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 130
	☐ dd ☐ dms	Salinity (ppt)	Comments Secchi: 0.5 m		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/12/2016 Time 1440	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-01-11-37 1/12/2015 Time: Fence Line Drain at Blue Head Ranch SE	SD011215-8 Field ID STORET SC35382812	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.9 @ 81%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 17.6	pH 5.9	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 142
	☐ dd ☐ dms	Salinity (ppt)	Comments Depth: 1.4 Secchi: 0.4 m		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/12/2016 Time 1040	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-01-11-37 1/12/2015 Time: Platt Branch at CR 731	SD011215-9 Field ID STORET 26010704FTM	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 8.9 @ 88%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
	Temp (C) 15.2	pH 6.3	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 707
	☐ dd ☐ dms	Salinity (ppt)	Comments Secchi: 0.4 m		

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Ben Paswater	1/12/16 4pm	Fed Ex	[Signature]	01-13-16				

09.15

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						

SMP: Group 4 Streams

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: SO-DIST

Requester: Benjamin Paswater

Field Report Prepared By: BP

Project ID: SMP

Collected By: BP CL DB

Sampling Agency: FDEP South

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/12/2016 Time 1100	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
RQ-2016-01-11-37 1/12/2016 Time: Boothel Creek East Branch		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.8 97%	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
Field ID SD011215-10 STORET G4SD0105		Temp (C) 14.9	pH 4.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 97
☐ dd ☐ dms		Salinity (ppt)	Comments Secchi: 0.6 m			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/12/2016 Time 1130	Eastern Central	Composite end Date Time	Bottle Group(s)
RQ-2016-01-11-37 1/12/2016 Time: Joe Slough at Graham Dairy Road		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.1 / 62	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)
Field ID SD011215-11 STORET FISSCR0012FTM		Temp (C) 16.3	pH 5.5	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 98
☐ dd ☐ dms		Salinity (ppt)	Comments Secchi: 0.5 m Depth: 1.2			
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	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
Ben Paswater	1/12/2016 4p	Fed Ex	BP	01-13-16				

09:15

Group: A	Bottle Type: P-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
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	6
BOD-UNIN					
Group: A	Bottle Type: BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
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	6
W-PO4-F					

Date of Request: 04-JAN-2016
 Created By: PASWATER_B On: 04-JAN-2016
 Modified By: WATTS_J On: 06-JAN-2016
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP: Group 4 Streams

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 06-JAN-2016
 Biology Request Reviewed By: MILLER_EB On: 05-JAN-2016
 Sampling Kit Required: YES Ship on: 08-JAN-2016
 Sampling Kit Shipped: YES On: 06-JAN-2016
 Sampling Kit Packed By: LASHLEY_C
 Preservatives Needed: YES
 Date to Receive Samples: 11-JAN-2016
 Received By: SHAIK_A On: 13-JAN-2016

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901
 Attn: Ben Paswater

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: SMP: LPO, Joe, Fenceline, Bootheel, Platt,

1 - case of Nitric Acid
 1 - case of Sulfuric acid

send by ground, no hurry

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: P-1L	Number of Bottles: 6	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 6	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 6	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 6	Preserved With: ICE-FLTR
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Ex Package
Express US Airbill

FedEx
Tracking
Number

8085 0982 9325

DATE 1/12/2016

Sender's name Ben Phone 317 281 5236

Company FDEP

Address 2295 Victoria Ave

City Ft. Myers State FL ZIP 33901

Internal Billing Reference

Recipient's name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

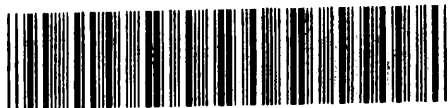
cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address TALLAHASSEE

State FL ZIP 32399-6542

0119899133



8085 0982 9325

Ex Package
Express US Airbill

FedEx
Tracking
Number

8085 0982 9391

DATE 1/12/2016

Sender's name Ben Phone 317 281 5236

Company FDEP

Address 2295 Victoria Ave

City Ft. Myers State FL ZIP 33901

Internal Billing Reference

Recipient's name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

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

Dept./Floor/Suite/Room

Address TALLAHASSEE

State FL ZIP 32399-6542

0119899133



8085 0982 9391

Form
ID No.

0215

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
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.

Obtain recip. Acct. No.

☐ Sender Acct. No. in Section I will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight 62 lbs.

Credit Card Auth.

Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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Form
ID No.

0215

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☐ 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.

Obtain recip. Acct. No.

☐ Sender Acct. No. in Section I will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages Total Weight 62 lbs.

Credit Card Auth.

Your liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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RQ- 2016-01-11-37

Log-in Checklist

Shipping Method: Fed ExpDate/Time of Receipt: 01-13-16 / 9:15

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	0.8c	15		/			
Red	0.4c	15		/			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

****Chain Of Custody/ Field Sheet(s) Included?** Yes ☒ No ☐

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

****Caps on tight?** Yes ☒ No ☐ ****Containers intact?** Yes ☒ No ☐

****Sufficient Sample Volume:** Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

****Acid Preserved Samples:** pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: [Signature]

****W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes ☐ No ☒ NA ☐ Init: [Signature]

Coolers Unpacked/Checked by: [Signature] Date: 01-13-16

NCRs (Y/N)?

SMP: Group 4 Streams
Event ID: SO-DIST-2016-01-13-01 (SMP)
Date Received: 13-JAN-2016 09:15

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes____ No____

Date and Time Placed in Freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes____ No____

If no, were samples shipped on dry ice? Yes____ No____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes____ No____

Date and time samples preserved: _____

Additional Comments: