

SMP-Yellow

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Tom Wippick
FDEP

Location ocean canal 3mi w of US98		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/28/16 Time 1100	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID G5SE0010		Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 7.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G5SE0010 G5SE0010		Temp (C) 25.1	pH 7.6	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 3.97
Latitude 26.679166	☒ dd ☐ dms	Longitude -80.41750	☒ dd ☐ dms	Salinity (ppt) 0.2	Comments	
Location ocean canal @ CR880 East		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/28/16 Time 1115	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID G5SE0007		Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 5.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G5SE0007		Temp (C) 27.1	pH 7.4	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 4.54
Latitude 26.678492	☒ dd ☐ dms	Longitude -80.45714	☒ dd ☐ dms	Salinity (ppt) 0.22	Comments	
Location Hillsboro Canal @ SR715		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/28/16 Time 1150	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID G5SE0025		Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 5.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G5SE0025		Temp (C) 26.1	pH 7.1	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 4.22
Latitude 26.69405	☒ dd ☐ dms	Longitude -80.68425	☒ dd ☐ dms	Salinity (ppt) 0.20	Comments	
Location Duplicate @ Hillsboro canal		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/28/16 Time 1200	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID G5SE0025 - Duplicate		Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 5.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G5SE0025		Temp (C) 26.1	pH 7.1	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 4.22
Latitude 26.69405	☐ dd ☐ dms	Longitude -80.68425	☐ dd ☐ dms	Salinity (ppt) 0.20	Comments Duplicate	

Relinquished By: RB & TW	Date/Time 04/28/2016 15:00	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: AJS	Date/Time 4-29-16/1020
-----------------------------	-------------------------------	--------------------------	---------------------------------	---------------------	---------------------------

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						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	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: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
BOD-UNIN						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

SMP-Yellow

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Rachel Brewton

Project ID: SMP

Collected By: Rachel Brewton & Tom Wipreck

Sampling Agency:

FDEP-SE RUC

Location Hilsboro Canal @ SR715 - Blank		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/28/2016 Time 12:05	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID G5SE0025 - blank		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
STORET # G5E0025		Temp (C) _____	pH _____	Sample Depth _____	☐ ft ☐ m	Sp. Conductance (umho/cm) _____
Latitude 26.69405	☒ dd ☐ dms	Longitude -80.68425	☒ dd ☐ dms	Salinity (ppt) _____	Comments Field blank	
Location New North River Canal @ SR80		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/28/2016 Time 12:35	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID G5SE0024		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.7	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
STORET # G5SE0024		Temp (C) 26.1	pH 7.2	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 429
Latitude 26.664352	☒ dd ☐ dms	Longitude -80.712419	☒ dd ☐ dms	Salinity (ppt) 0.2	Comments	
Location L25 Canal @ Corkscrew Rd		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 04/28/2016 Time 13:00	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID 28010980		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 7.0	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
STORET # 28010980		Temp (C) 27.1	pH 8.1	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 422
Latitude 26.696017	☒ dd ☐ dms	Longitude -80.806781	☒ dd ☐ dms	Salinity (ppt) 0.2	Comments YSI malfunctioning due to loose connector	
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: RB+TW	Date/Time 04/28/2016 15:00	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: RAD	Date/Time 4-29-16 11:00
---------------------------	-------------------------------	--------------------------	---------------------------------	---------------------	----------------------------

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 LB 0
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							
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS							
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 LB 0
BOD-UNIN							
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F					

Date of Request: 05-APR-2016
 Created By: SEWELL_M On: 05-APR-2016
 Modified By: SWANSON_C On: 08-APR-2016
 Customer: SE-DIST
 Project: SMP
 Division:
 District: Southeast District
 Sampling Event: SMP-Yellow

Send Coolers To:

Phone: (772) 380-5572
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 05-APR-2016
 Biology Request Reviewed By: SWANSON_C On: 08-APR-2016
 Sampling Kit Required: YES Ship on: 18-APR-2016
 Sampling Kit Shipped: YES On: 15-APR-2016
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 25-APR-2016
 Received By: SHAIK_A On: 29-APR-2016

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

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

Comments: G5SE0025
 G5SE0024
 G5SE0007
 G5SE0010
 28011000
 Blank
 Dup

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:	(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

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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: 1	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	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

RQ-2016-04-25-23

Log-in Checklist

Shipping Method:

Fed Exp

Date/Time of Receipt:

04-29-16/10:20

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	
BLUE	2.7C	8		✓			
BLUE	1.1C	11		✓			
BLUE	0.8C	8		✓			

*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:

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes

No

NA

Init:

Coolers Unpacked/Checked by:

Date:

4-29-16

NCRs (Y/N)?

Event ID: SMP-Yellow
SE-DIST-2016-04-29-01 (SMP)

NCR #

Date Received: 29-APR-2016 10:20

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:

FedEx
Express

FedEx
Tracking
Number

8099 4719 7924

1 From
Date 04/28/2016
Sender's Name Raul Branton
Company FDEP - SE ROC
Address 2199 S. Rock Rd.
City Fort Pierce State FL ZIP 34945

2 Your Internal Billing Reference

3 To
Recipient's Name SAMPLE RECEIVING
Phone 850 245-806

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2600 BLAIRSTONE RD

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

Dept./Floor/Suite/Room

Address

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

TALLAHASSEE

City

State

FL

ZIP

32399

0122645602



8099 4719 7924



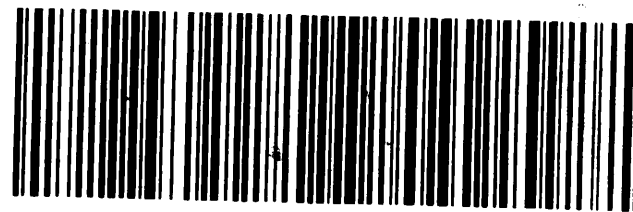
E

1 of 3
TRK# 8099 4719 7924
0215
MASTER

FRI - 29 APR 10:30A
PRIORITY OVERNIGHT

36 TLHA

32399
FL-US TLH



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 kg ☐ Cargo Aircraft Only

7 Payment Bill to:

Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

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