

Request Number: ~~RQ-2015-~~

WBID:

RQ-2016-01-11-45

Florida Department of Environmental Protection

TMDL test ver. MkIh

Page 1 of 2

Central Laboratory Sample Submittal Form

last revised Dec. 8, 2014

Customer: SE-DIST

Requester: Olga Sanchez

Field Report Prepared By:

Rachel Brewton

Project ID: SMP

Collected By:

Rachel Brewton & Tim Wippick

Sampling Agency:

SE-DEP-FTP

Location C-2 Canal Vicinity of Red Rd, South Miami 3293 25.68083333 -80.28472223 A Kit No fecal		28040399-01132016 G4SE0047 Field ID ↑ STORET ↓ 28040399		☐ Comp. Collection (comp begin or grab) ☒ Grab Date 01/13/16 Time 1125	☒ Eastern Central	Composite end Date Time Total Central	Eastern Central	Bottle Group(s) (See pg. 2 for groups.)
Field		Matrix (type, e.g. Salt, Fresh, etc) Fresh		Diss. Oxygen 3.2 ☒ (mg/L) ☐ (%sat.)		Res. Chlorine (mg/L)		A
STO		Temp (C.) 22.1		pH 7.3		Sample Depth 0.3 ☐ ft. ☒ m		
Time:		Salinity (ppt) 0.27		Comments		Sp. Conductance (umho/cm) 552		
Latitude		☐ dd ☐ dms		☐ dd ☐ dms				

Location CD-05 3295 25.62367961 -80.34322444 C kit_no fecal		28040399-01132016 G4SECD05 Field ID ↑ STORET ↓ G4SECD05		☐ Comp. Collection (comp begin or grab) ☒ Grab Date 01/13/16 Time 1215	☒ Eastern Central	Composite end Date Time Total Central	Eastern Central	Bottle Group(s)
Field		Matrix (type, e.g. Salt, Fresh, etc) Fresh		Diss. Oxygen 8.3 ☒ (mg/L) ☐ (%sat.)		Res. Chlorine (mg/L)		A
STC		Temp (C.) 21.3		pH 8.0		Sample Depth 0.3 ☐ ft. ☒ m		
Time:		Salinity (ppt) 0.23		Comments		Sp. Conductance (umho/cm) 470		
Latitude		☐ dd ☐ dms		☐ dd ☐ dms				

Location C-102 @ SW 248th St 3300 25.536550 -80.404753 C Kit no fecal		28040399-01132016 G4SE0064 Field ID ↑ STORET ↓ G4SE0064		☐ Comp. Collection (comp begin or grab) ☒ Grab Date 01/13/16 Time 1255	☒ Eastern Central	Composite end Date Time Total Central	Eastern Central	Bottle Group(s)
Field ID		Matrix (type, e.g. Salt, Fresh, etc) Fresh		Diss. Oxygen 4.8 ☒ (mg/L) ☐ (%sat.)		Res. Chlorine (mg/L)		A
STORET nr		Temp (C.) 24.3		pH 7.2		Sample Depth 0.3 ☐ ft. ☒ m		
Time: G4SE0064-01132016		Salinity (ppt) 0.31		Comments		Sp. Conductance (umho/cm) 641		
Latitude		☐ dd ☐ dms		☐ dd ☐ dms				

Location C-103 N SW 288 ST & SW 142 AV 3302 25.49978334 -80.41880001 C kit_no fecal		28040399-01132016 G4SE0065 Field ID ↑ STORET ↓ 28040279		☐ Comp. Collection (comp begin or grab) ☒ Grab Date 01/13/16 Time 1325	☒ Eastern Central	Composite end Date Time Total Central	Eastern Central	Bottle Group(s)
Field		Matrix (type, e.g. Salt, Fresh, etc) Fresh		Diss. Oxygen 9.1 ☒ (mg/L) ☐ (%sat.)		Res. Chlorine (mg/L)		A
STC		Temp (C.) 20.9		pH 7.8		Sample Depth 0.3 ☐ ft. ☒ m		
Time: 28040279-01132016		Salinity (ppt) 0.30		Comments		Sp. Conductance (umho/cm) 614		
Latitude		☐ dd ☐ dms		☐ dd ☐ dms				

Relinquished By: DEPSE district Tim Wippick	Date/Time: 01/13/16 1800	Shipping Method: FedEx	Received By: [Signature]	Date/Time: 01-14-16 09:00	Relinquished By:	Date/Time:	Received By:	Date/Time:
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Requester: Olga Sanchez

Field Report Prepared By:

Rachel Brewster

Project ID: SMP

Collected By:

Rachel Brewster & Tim Wippick

Sampling Agency:

SE-DEP-FTP

Location	MowryCan(C-103) @ 152 Av 3302	Field ID	25.47449999 -80.43583333 C Kit_no fecal	STORET	Date: Field ID# Time: 28040084-01132016	Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	0.31	Comments	
				Field ID ↑ STORET ↓									
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Date of Request: 11-JAN-2016
 Created By: SKAGGS_J On: 11-JAN-2016
 Modified By: MILLER_EB On: 12-JAN-2016
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP_Orange Run

Send Coolers To:

Phone: (772) 579-3039
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Jordan Skaggs

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 12-JAN-2016
 Biology Request Reviewed By: MILLER_EB On: 12-JAN-2016
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 11-JAN-2016
 Received By: SHAIK_A On: 14-JAN-2016

Send Final Report To:

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

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

Comments:

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	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: 7	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 7	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: 7	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Calcium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-500ML	Number of Bottles: 7	Preserved With: HNO3
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Chromium		
Copper		
Lead		
Silver		
Bottle Type: P-500ML	Number of Bottles: 7	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	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: 7	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-01-11-45

Shipping Method: FedEx

Date/Time of Receipt: 01-14-16/9:00

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	0-3°C	12		✓			
Red	1.4°C	12		✓			
Red	1.2°C	6		✓			
Red	0-9°C	12					

*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: ABP

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

Coolers Unpacked/Checked by: ABP Date: 01-14-16 NCRs (Y/N)? ☒

Event ID: SMP Orange Run NCR #

SE-DIST-2016-01-14-01 (SMP)

Date Received: 14-JAN-2016 09:00

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:

00468

01000

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fedex.com 1800.GoFedEx 1800.463.3339

05619004

FedEx Package
Express US AirbillFedEx
Tracking
Number 8085 1642 3501Form
ID No. 0215

MUR3

1 From

Date 01/13/2016

Sender's Name Rachel Brewster Phone 512 640-4246

Company FDEP

Address 2199 South Rock Rd DEAR

City Fort Pierce State FL ZIP 34945

2 Your Internal Billing Reference

3 To

Recipient's Name SAMPLE RECEIVING Phone 850 245-8085

Company FLORIDA DEP/CHEMISTRY SECTION

Address 2400 BLAIRSTONE RD

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

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.

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:

Sender ☐ Recipient ☒ Third Party ☐ Credit Card ☐ Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. ☐

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.

611



8085 1642 3501