Request Number: RQ-2017-01-23-14

SMP- North group 5 run (1/5)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Project ID: SMP

Requester: Matt Sewell

Collected By: Jordan Skaggs, Matt Sewell

Field Report Prepared By: Jordan Skaggs

Sampling Agency: FDEP - ZIFCWIPB

Location: South Relief Canal @ US1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/17 Time 1040 (Eastern / Central)	Composite end Date	Time	Bottle Group(s) (See pg 2): A, B, C					
Field ID: G5SE0044	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 8.2 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G5SE0044	Temp (C) 19.9	pH 7.5	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 2042						
Latitude 27.605317 ☒ dd ☐ dms	Longitude -80.382334 ☒ dd ☐ dms	Salinity (ppt) 1.1	Comments							
Location: Main Canal @ US1	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/17 Time 1110 (Eastern / Central)	Composite end Date	Time	Bottle Group(s): A, B, C					
Field ID: G5SE0045	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 7.2 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G5SE0045	Temp (C) 18.9	pH 7.6	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 1,744						
Latitude 27.649309 ☒ dd ☐ dms	Longitude -80.400267 ☒ dd ☐ dms	Salinity (ppt) 0.9	Comments							
Location: North Canal below Weir	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/17 Time 1145 (Eastern / Central)	Composite end Date	Time	Bottle Group(s): A, D					
Field ID: G5SE0043	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 8.2 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G5SE0043	Temp (C) 22.5	pH 7.4	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 1045						
Latitude 27.692554 ☒ dd ☐ dms	Longitude -80.413187 ☒ dd ☐ dms	Salinity (ppt) 0.5	Comments							
Location: Kid Creek @ Old dixie	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/2017 Time 1230 (Eastern / Central)	Composite end Date	Time	Bottle Group(s): A, D					
Field ID: G5SE0050	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen 7.8 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)							
STORET #: G5SE0050	Temp (C) 18.1	pH 7.3	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 551						
Latitude 27.959861 ☒ dd ☐ dms	Longitude -80.542306 ☒ dd ☐ dms	Salinity (ppt) 0.3	Comments							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
FDEP	1/26/17	Fedex	3	[signature]	1/27/17 9:50

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Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Project ID: SMP

Requester: Matt Sewell

Collected By: Jordan Skoggs, Matt Sewell

Field Report Prepared By: Jordan Skoggs

Sampling Agency: FDEP 21FLWPB

Location: Micco Ditch @ Micco Road	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/17 Time 1300	Eastern / Central	Composite end Date	Time	Bottle Group(s) (See pg 2): A
Field ID: G5SE0048	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 3.4	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #: G5SE0048	Temp (C): 17.3	pH: 7.2	Sample Depth: 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm): 950	
Latitude: 27.880724 ☒ dd ☐ dms	Longitude: -80.533193 ☒ dd ☐ dms	Salinity (ppt): 0.5	Comments:			
Location: C-54 W of I-95	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/17 Time 1340	Eastern / Central	Composite end Date	Time	Bottle Group(s): A
Field ID: G5SE0057	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 8.7	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #: G5SE0057	Temp (C): 20.1	pH: 7.8	Sample Depth: 0.3	☐ ft ☐ m	Sp. Conductance (umho/cm): 591	
Latitude: 27.826300 ☒ dd ☐ dms	Longitude: -80.563300 ☒ dd ☐ dms	Salinity (ppt): 0.3	Comments:			
Location: C54 1700m West of I-95	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 1/26/17 Time 1350	Eastern / Central	Composite end Date	Time	Bottle Group(s): NONE
Field ID: G5SE0060	Matrix (type, e.g., Salt, Fresh, etc): Fresh	Diss. Oxygen: 8.6	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
STORET #: G5SE0060	Temp (C): 20.1	pH: 7.7	Sample Depth: 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm):	
Latitude: 27.823952 ☒ dd ☐ dms	Longitude: -80.576241 ☒ dd ☐ dms	Salinity (ppt): 0.3	Comments: field parms. only			
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	Number of Coolers Shipped:	Received By:	Date/Time
FDEP	1/26/17	Fedex	3	Tyler Reynolds	1/27/17 9:50am

RQ-2017-01-23-14

Date of Request: 03-JAN-2017
Created By: SEWELL_M On: 03-JAN-2017
Modified By: MATTHEWS_D On: 05-JAN-2017
Customer: SE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Southeast District
Sampling Event: SMP- North group 5 run (1/5)

Send Coolers To:

Phone: (772) 448-5883
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945
Attn: Matthew Sewell

Send Final Report To:

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

Program Module Number: 1306
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 03-JAN-2017
Biology Request Reviewed By: MATTHEWS_D On: 05-JAN-2017
Sampling Kit Required: YES Ship on: 20-JAN-2017
Sampling Kit Shipped: YES On: 23-JAN-2017
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 23-JAN-2017
Received By:

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

Comments: Sampler notes: Call flowers ahead of time for 4 e.coli samples to be submitted.
Bottle group A = "A-Kit"- All sites
PLUS
Bottle group B = "Tracers" - 3158,3153A
Bottle group C = "Markers" - 3158,3153A
Bottle group D = "Bacteria" - 3147,3115
Extra YSI parms @ 3134

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 CaCO3/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-SO4-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: 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 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: 6 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

Bottle Group B (Water) With 2 Samples:

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE

Log-in Checklist

RQ- 2017-01-23-14

Shipping Method: Fedex

Date/Time of Receipt: 1/27/17 9:50 am

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	-1.3	8		✓			785421156919
Blue	-0.8	11		✓			785421156908
Blue	-0.1	11		✓			785421156920

*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			W-CT-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: MR

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: MR

Coolers Unpacked/Checked by: MR Date: 1/27/17 NCRs (Y/N)? N

Event ID: SE-DIST-2017-01-27-01 NCR #____