

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Jordan Skaggs

Project ID: SMP

Collected By:

Jordan Skaggs, Ashley Hurley

Sampling Agency:

FDEP 21FLWPB

Location St. Lucie North Fork @ Veterans Park		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/17 Time 9:50	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID G2SE0007		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 7.5	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G2SE0007		Temp (C) 18.7	pH 7.6	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 20490
Latitude 27.274752	☒ dd ☐ dms	Longitude -80.321039	☒ dd ☐ dms	Salinity (ppt) 12.3	Comments	
Location Bessey Creek @ Murphy Rd.		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/17 Time 10:40	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID G2SE0017		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 6.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G2SE0017		Temp (C) 18.3	pH 7.3	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 20320
Latitude 27.140379	☒ dd ☐ dms	Longitude -80.297723	☒ dd ☐ dms	Salinity (ppt) 12.2	Comments	
Location South Fork St. Lucie near Leighton Park		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/17 Time 11:05	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID G2SE0013		Matrix (type, e.g., Salt, Fresh, etc) salt		Diss. Oxygen 8.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G2SE0013		Temp (C) 19.2	pH 7.7	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 32770
Latitude 27.17687	☒ dd ☐ dms	Longitude -80.261751	☒ dd ☐ dms	Salinity (ppt) 20.4	Comments	
Location Danforth Creek @ Martin Hwy		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 2/2/17 Time 11:35	☒ Eastern ☐ Central	Composite end Date Time	Bottle Group(s)
Field ID G2SE0018		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.9	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
STORET # G2SE0018		Temp (C) 16.8	pH 7.0	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 553
Latitude 27.161401	☒ dd ☐ dms	Longitude -80.283592	☒ dd ☐ dms	Salinity (ppt) 0.3	Comments	

Relinquished By: FDEP	Date/Time 02/02/17	Shipping Method Fedex	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time 02/03/17 10:13
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collection time 11:35 on container TR

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By: Jordan Skaggs

Project ID: SMP

Collected By: Jordan Skaggs, Ashley Hurley

Sampling Agency: FDEP 21FLWPB

Location <i>Manatee Pocket, Port Salerno</i>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>2/2/17</i> Time <i>1205</i>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <i>G2SE0012</i>	Matrix (type, e.g., Salt, Fresh, etc) <i>Salt</i>	Diss. Oxygen <i>6.6</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>B</i>
STORET # <i>G2SE0012</i>	Temp (C) <i>20.3</i>	pH <i>7.7</i>	Sample Depth <i>0.3</i>	Sp. Conductance (umho/cm) <i>48530</i>	
Latitude <i>27.146472</i>	☒ dd ☐ dms	Longitude <i>-80.195972</i>	☒ dd ☐ dms	Salinity (ppt) <i>31.7</i>	Comments <i>W</i>
Location <i>South Fork St. Lucie @ Hosford Park</i>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>2/2/17</i> Time <i>12:35</i>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>28010478</i>	Matrix (type, e.g., Salt, Fresh, etc) <i>Salt</i>	Diss. Oxygen <i>7.9</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>E</i>
STORET # <i>28010478</i>	Temp (C) <i>18.6</i>	pH <i>7.6</i>	Sample Depth <i>0.3</i>	Sp. Conductance (umho/cm) <i>11422</i>	
Latitude <i>27.113333</i>	☒ dd ☐ dms	Longitude <i>-80.254167</i>	☒ dd ☐ dms	Salinity (ppt) <i>6.5</i>	Comments
Location <i>South Fork St. Lucie @ Halpatiokee</i>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>2/2/17</i> Time <i>1310</i>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>G2SE0015</i>	Matrix (type, e.g., Salt, Fresh, etc) <i>Fresh</i>	Diss. Oxygen <i>6.1</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>A</i>
STORET # <i>G2SE0015</i>	Temp (C) <i>18.1</i>	pH <i>7.5</i>	Sample Depth <i>0.2</i>	Sp. Conductance (umho/cm) <i>3265</i>	
Latitude <i>27.102187</i>	☒ dd ☐ dms	Longitude <i>-80.248533</i>	☒ dd ☐ dms	Salinity (ppt) <i>1.7</i>	Comments
Location <i>Roebuck Creek @ Locks Rd</i>	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>2/2/17</i> Time <i>1335</i>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>G2SE0029</i>	Matrix (type, e.g., Salt, Fresh, etc) <i>Salt</i>	Diss. Oxygen <i>5.8</i>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	<i>D</i>
STORET # <i>G2SE0029</i>	Temp (C) <i>17.3</i>	pH <i>7.4</i>	Sample Depth <i>0.1</i>	Sp. Conductance (umho/cm)	
Latitude <i>27.102671</i>	☒ dd ☐ dms	Longitude <i>-80.273353</i>	☒ dd ☐ dms	Salinity (ppt) <i>0.5</i>	Comments

Relinquished By: <i>FDEP 21FLWPB</i>	Date/Time <i>2/2/17</i>	Shipping Method <i>Fedex</i>	Number of Coolers Shipped: <i>3</i>	Received By: <i>JH</i>	Date/Time <i>02/03/17 10:13 am</i>
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collection time 12:35 on container
JH

Date of Request: 05-JAN-2017
 Created By: SEWELL_M On: 05-JAN-2017
 Modified By: MATTHEWS_D On: 10-JAN-2017
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP-G2 Martin (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

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 10-JAN-2017
 Biology Request Reviewed By: MATTHEWS_D On: 10-JAN-2017
 Sampling Kit Required: YES Ship on: 31-JAN-2017
 Sampling Kit Shipped: YES On: 29-JAN-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 01-FEB-2017
 Received By:

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: Sampler comments:
 Bottle group A = 3210D
 Bottle group B = 3208C
 Bottle group C = 3215
 Bottle group D = 3210E
 Bottle group E = 3194 3210C
 Bottle group F = 3210 3211

Bottle Group A (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: BP-1L	Number of Bottles: 1	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: 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

Bottle Group B (Water) With 1 Samples:

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

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
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-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group E (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: P-500ML	Number of Bottles: 2	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: 2	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 Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group F (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
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
Chromium		
Iron		
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		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 2	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

RQ- 2017-01-30-26

Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 02/03/17 10:13 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	
Red	-1.2	12		✓			785489273277
Blue	-0.7	15		✓			785489273288
Red	-0.8	13		✓			785489273266

*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: JK

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

Coolers Unpacked/Checked by: JK Date: 02/03/17 NCRs (Y/N)? N

Event ID: SE-DIST-2017-02-03-02 NCR #