

Reynolds, Tyler

From: Reynolds, Tyler
Sent: Tuesday, November 28, 2017 8:21 AM
To: Skaggs, Jordan; Liddick, Drew
Cc: Ayres, Joshua; Bowden, Magan; Watts, John; Wright, Colin
Subject: RE: RQ-2017-11-20-16

Importance: High

Jordan and Drew,

The event folder for RQ-2017-11-20-16 is missing and nowhere to be found. So because the event folder contains (submittal forms, login check forms, FedEx bill etc.) we will have to qualify the data because we don't have any paperwork to prove we received the samples in an acceptable temperature range. Field ID's and Site location for the sites we need to qualify.

Site Location	Field IDS
North Fork Upper Cox	G2SE0020
North Fork Cox @ County Line	G2SE0021
Tidal Creek to Cox	G2SE0027
SW Fork Cox @ Central Blvd.	G2SE0023



TYLER REYNOLDS
Laboratory Tech IV
Florida Department of Environmental Protection
Voice: 850.345.8332
Tyler.Reynolds@dep.state.fl.us

From: Skaggs, Jordan
Sent: Monday, November 27, 2017 8:32 AM
To: Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>; Liddick, Drew <Drew.Liddick@dep.state.fl.us>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>
Subject: RE: RQ-2017-11-20-16

Tyler,

We do not retain copies of the lab submittal because we fill them out in the field, but I redid one based off the field sheets from that RQ (see attached). Hopefully, it's not too late....

Jordan Skaggs
Southeast Regional Operation Center
Florida Department of Environmental Protection
2199 South Rock Road

From: Reynolds, Tyler

Sent: Wednesday, November 22, 2017 2:48 PM

To: Liddick, Drew <Drew.Liddick@dep.state.fl.us>; Skaggs, Jordan <Jordan.Skaggs@dep.state.fl.us>

Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Bowden, Magan <Magan.Bowden@dep.state.fl.us>

Subject: RQ-2017-11-20-16

Importance: High

Good afternoon,

The submittal forms for RQ-2017-11-20-16 have been misplaced, is there any way you could send me a copy of your submittal forms for this RQ?



TYLER REYNOLDS

Laboratory Tech IV

Florida Department of Environmental Protection

Voice: 850.345.8332

Tyler.Reynolds@dep.state.fl.us

Log-in Checklist

RQ- 2017-11-20-16

Shipping Method: FedEx

Date/Time of Receipt: 11/16/17 10:05

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	

*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: Tyler R Date: 11/16/17

NCRs (Y/N)? ✓ Y

Event ID: SE-DIST-2017-11-16-01

NCR # 66 6777

12/5/12 BA

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 – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments:

Request Number: RQ-2017-11-20-16

SMP-G2 Jupiter Run

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Page 1 of 6

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By: Jordan Steggs

Project ID: SMP

Collected By: Jordan Steggs, Drew Liddick

Sampling Agency: ZIEF LABS

Location	North Fork Upper Lox		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	11/15/17	Time	10:30	Composite end	Time	Bottle Group(s)
Field ID	G-25E0020		Matrix (type, e.g., Salt, Fresh, etc)	Fresh				Diss. Oxygen	2.8	☒ mg/L	Total Res. Chlorine	(See pg 2)
STORET #	G-25E0020		Temp (C)	23.4	pH	6.1	Sample Depth	0.3	☒ ft	Sp. Conductance (umho/cm)	159	A
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)	0.07	Comments				
Location	North Fork Lox @ County Line		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	11/15/17	Time	12:00	Composite end	Time	Bottle Group(s)
Field ID	G-25E0021		Matrix (type, e.g., Salt, Fresh, etc)	SALT				Diss. Oxygen	4.8	☒ mg/L	Total Res. Chlorine	
STORET #	G-25E0021		Temp (C)	23.9	pH	6.6	Sample Depth	0.3	☒ ft	Sp. Conductance (umho/cm)	4447	C
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)	2.3	Comments				
Location	Tidal Creek to Lox		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	11/15/17	Time	12:40	Composite end	Time	Bottle Group(s)
Field ID	G-25E0027		Matrix (type, e.g., Salt, Fresh, etc)	SALT				Diss. Oxygen	4.6	☒ mg/L	Total Res. Chlorine	
STORET #	G-25E0027		Temp (C)	23.7	pH	6.7	Sample Depth	0.3	☒ ft	Sp. Conductance (umho/cm)	3513	B
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)	1.88	Comments				
Location	Sw Fork Lox @ Central Blvd.		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date	11/15/17	Time	13:00	Composite end	Time	Bottle Group(s)
Field ID	G-25E0023		Matrix (type, e.g., Salt, Fresh, etc)	SALT				Diss. Oxygen	8.5	☒ mg/L	Total Res. Chlorine	
STORET #	G-25E0023		Temp (C)	25.2	pH	7.2	Sample Depth	0.3	☒ ft	Sp. Conductance (umho/cm)	2104	C
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)	1.1	Comments				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JS PDEP	11/15/17 15:00	Fedex	Five		

Central Laboratory Submittal Form

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By: Jordan Skays

Project ID: SMP

Collected By: Jordan Skays, Matt Sewell

Sampling Agency: 21FLUMPB

Location	C-24 Canal @ PSL Blvd.		☐ Comp	Collection (comp begin or grab)	11:00	☒ Eastern	Composite end	Time	Bottle Group(s)
Field ID	G-25E0011		☒ Grab	Date 11/16/17		Central	Date		(See pg 2)
STORET #	G-25E0011		Temp (C)	22.3	pH	6.9	Sample Depth	0.3	E
Latitude	☐ dd	Longitude	☐ dms	Salinity (ppt)	0.37	Comments			
Location	Henderson Pond		☐ Comp	Collection (comp begin or grab)	12:40	☒ Eastern	Composite end	Time	Bottle Group(s)
Field ID	G-25E0010		☒ Grab	Date 11/16/17		Central	Date		D
STORET #	G-25E0010		Temp (C)	22.6	pH	6.1	Sample Depth	0.3	
Latitude	☐ dd	Longitude	☐ dms	Salinity (ppt)	0.07	Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end	Time	Bottle Group(s)
Field ID			☐ Grab	Date		Central	Date		
STORET #			Temp (C)		pH		Sample Depth		
Latitude	☐ dd	Longitude	☐ dms	Salinity (ppt)		Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end	Time	Bottle Group(s)
Field ID			☐ Grab	Date		Central	Date		
STORET #			Temp (C)		pH		Sample Depth		
Latitude	☐ dd	Longitude	☐ dms	Salinity (ppt)		Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end	Time	Bottle Group(s)
Field ID			☐ Grab	Date		Central	Date		
STORET #			Temp (C)		pH		Sample Depth		
Latitude	☐ dd	Longitude	☐ dms	Salinity (ppt)		Comments			
Location			☐ Comp	Collection (comp begin or grab)		Eastern	Composite end	Time	Bottle Group(s)
Field ID			☐ Grab	Date		Central	Date		
STORET #			Temp (C)		pH		Sample Depth		
Latitude	☐ dd	Longitude	☐ dms	Salinity (ppt)		Comments			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

JS PER

11/16/17

Felix

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
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 1 Samples:

Bottle Type: SE-FLR-ENQ	Number of Bottles: 1	Preserved With: ICE
	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
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 Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
Bottle Type: P-1L	Number of Bottles: 1	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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group C (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, and phaeophytin 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
PCR-GFD	Template: DEFAULT	(SOP-PCR-1.3) Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction
PCR-GULL2	Template: DEFAULT	(SOP-PCR-1.2) Detection and quantification of coastal bird specific Catellicoccus marimammalium Gull2 genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: SE-FLR-ENQ	Number of Bottles: 2	Preserved With: ICE
	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: SE-FLR-FC	Number of Bottles: 2	Preserved With: ICE
	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by Flowers Overflow Laboratory for SED
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Date of Request: 26-OCT-2017
 Created By: SEWELL_M On: 26-OCT-2017
 Modified By: SWANSON_C On: 02-NOV-2017
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP-G2 Jupiter Run

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: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 30-OCT-2017
 Biology Request Reviewed By: SWANSON_C On: 02-NOV-2017
 Sampling Kit Required: YES Ship on: 07-NOV-2017
 Sampling Kit Shipped: YES On: 07-NOV-2017
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 20-NOV-2017
 Received By: SHAIK_A On: 17-NOV-2017

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 = 3224A
 Bottle Group B = 3232A
 Bottle Group C = 3224A1 3226C
 Bottle Group D = 3194E
 Bottle Group E = 3197

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, and phaeophytin by spectrophotometry
Bottle Type: QPCR-P-250ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
PCR-GFD	Template: DEFAULT	(SOP-PCR-1.3) Detection and quantification of bird specific Helicobacter GFD genetic marker with quantitative polymerase chain reaction
PCR-GULL2	Template: DEFAULT	(SOP-PCR-1.2) Detection and quantification of coastal bird specific Catellicoccus marimammalium Gull2 genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
Bottle Type: SE-FLR-ECQ	Number of Bottles: 1	Preserved With: ICE
	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Southeast District

Bottle Group C (Water) With 2 Samples:

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 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: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group D (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 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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template:	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-GLYPH	Template: DEFAULT	(EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS
W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS
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 Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM
Bottle Type: P-500ML	Number of Bottles: 1	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
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(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		
Silver		
Bottle Type: P-500ML	Number of Bottles: 1	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 Group D (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
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: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Group E (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 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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: QPCR-P-250ML	Number of Bottles: 2	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: 1	Preserved With: ICE
SE-FLR-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Southeast District
Bottle Type: BG-1L	Number of Bottles: 1	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
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 Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

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Actual delivery:

Thu 11/16/2017 10:01 am

FORT PIERCE, FL US

Delivered

Signed for by: S.AYERS

TALLAHASSEE, FL US

2 Piece shipment

Travel History

Date/Time	Activity	Location
- 11/16/2017 - Thursday		
10:01 am	Delivered	TALLAHASSEE, FL
8:17 am	On FedEx vehicle for delivery	TALLAHASSEE, FL
8:09 am	At local FedEx facility	TALLAHASSEE, FL
3:50 am	At destination sort facility	TALLAHASSEE, FL
- 11/15/2017 - Wednesday		
7:47 pm	Left FedEx origin facility	PORT ST LUCIE, FL
2:11 pm	Picked up	PORT ST LUCIE, FL
1:22 pm	Shipment information sent to FedEx	

Shipment Facts

Tracking Number	788473142242	Service	FedEx Priority Overnight
Master tracking number	811939039520	Weight	45 lbs / 20.41 kgs
Dimensions	24x14x14 in.	Delivered To	Shipping/Receiving
Total pieces	2	Total shipment weight	45 lbs / 20.41 kgs
Terms	Recipient	Packaging	Your Packaging
Special handling section	Deliver Weekday	Standard transit	11/16/2017 by 10:30 am

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Shipment Facts

Tracking Number	811939039520	Service	FedEx Priority Overnight
Master tracking number	811939039520	Weight	55 lbs / 24.95 kgs
Dimensions	24x14x14 in.	Delivered To	Shipping/Receiving
Total pieces	2	Total shipment weight	100 lbs / 45.36 kgs
Terms	Recipient	Packaging	Your Packaging
Special handling section	Deliver Weekday	Standard transit	11/16/2017 by 10:30 am

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