

RQ- 2019-03-18-45

Log-in Checklist

Login Station ID: #5Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 3/26/19 @ 10:00

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
0.4			11		✓			4751 8777 6718
0.5			8		✓			4751 8777 6692
0.9			12		✓			4751 8777 6707

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, 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 below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No ✓ Date

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 REQUIRED? (Blue dot on container) Yes No ✓ Init: KK

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-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: KK

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

Coolers Unpacked/Checked by: KK Date: 3/26/19

NCRs (Y/N)? NN

Event ID: SMP-Kevin Run
SE-DIST-2019-03-26-01 (SMP)
 Date Received: 26-MAR-2019 10:00

NCR #

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

Additional Comments:

Infrared Thermometer ID:	REC_05-2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:9/15/19
Chlorine Test Strips Lot #	091417V EXP:9/2021

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

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: _____

SMP-Kevin Run

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Kristere Bonilla

Project ID: SMP

Collected By:

Alexander Miranda

Sampling Agency:

21FLWPB

Location		Location: L-62 upstream of S-154C		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date	Time	Eastern	Composite end	Bottle Group(s)
Field ID		WIN ID/Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Date		Time	Date	Time
WIN/STORET #				Fresh		8.64		03/25/19		11:25		
Latitude		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		A
☐ dd ☐ dms		☐ dd ☐ dms		22.5		7.51		0.3		1377		
Location		Location: L-62 upstream of S-154C		Salinity (ppt)		Comments		Date		Time	Date	Time
Field ID		Field ID:		0.69				03/25/19		11:30		
WIN/STORET #				Fresh		8.64		03/25/19		11:30		
Latitude		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		A
☐ dd ☐ dms		☐ dd ☐ dms		22.5		7.51		0.3		1377		
Location		Location: L-63 canal @ SE 86th Blvd.		Salinity (ppt)		Comments		Date		Time	Date	Time
Field ID		WIN ID/Field ID:		0.69		Duplicate		03/25/19		12:30		
WIN/STORET #				Fresh		6.44		03/25/19		12:30		
Latitude		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		A
☐ dd ☐ dms		☐ dd ☐ dms		22.1		7.03		0.3		627		
Location		Location: L-63 canal @ SE 86th Blvd.		Salinity (ppt)		Comments		Date		Time	Date	Time
Field ID		Field ID:		0.30		Field Blank KB		03/25/19		12:40		
WIN/STORET #				X				03/25/19		12:40		
Latitude		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		B
☐ dd ☐ dms		☐ dd ☐ dms										
Location		Location: L-63 canal @ SE 86th Blvd.		Salinity (ppt)		Comments		Date		Time	Date	Time
Field ID		Field ID:		0.30		Field Blank		03/25/19		12:40		
WIN/STORET #				X				03/25/19		12:40		
Latitude		Longitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)		B
☐ dd ☐ dms		☐ dd ☐ dms										

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
DEP Kristere Bonilla	03/25/19	Fedex	3	KB	3-26-19 / 10:00

Group: A	Bottle Type:	P-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SE-FLR-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 11	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	7
	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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SE-FLR-ECQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

SMP-Kevin Run

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Kristen Bonilla

Project ID: SMP

Collected By:

Alexander Miranda

Sampling Agency:

8 21FLWPB

Location	Location: L-63N canal @ SR 70		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 03/25/2019	Time 13:40	Eastern	Composite end	Bottle Group(s)
Field ID	WIN ID/Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine	A
WIN/STORET #			Fresh		11.09		☐ % sat		(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
	☐ dms		☐ dms	24.5	8.08	0.3	☒ m	(umho/cm)		
			Salinity (ppt)		Comments					
Location	Location: L-63 @ SE 59th Blvd.		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 03/25/19	Time 14:05	Eastern	Composite end	Bottle Group(s)
Field ID	WIN ID/Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine	A
WIN/STORET #			Fresh		9.72		☐ % sat		(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
	☐ dms		☐ dms	23.6	7.82	0.3	☒ m	(umho/cm)		
			Salinity (ppt)		Comments					
Location	Location: Taylor Creek @ 39th St.		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 03/25/19	Time 14:45	Eastern	Composite end	Bottle Group(s)
Field ID	WIN ID/Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine	A
WIN/STORET #			Fresh		8.05		☐ % sat		(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
	☐ dms		☐ dms	25.0	7.44	0.3	☒ m	(umho/cm)		
			Salinity (ppt)		Comments					
Location	Location: Taylor Creek @ 70		☐ Comp	Collection (comp begin or grab)	☒ Grab	Date 03/25/2019	Time 15:15	Eastern	Composite end	Bottle Group(s)
Field ID	WIN ID/Field ID:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine	A
WIN/STORET #			Fresh		11.84		☐ % sat		(mg/L)	
Latitude	☐ dd	Longitude	☐ dd	Temp (C)	pH	Sample Depth	☐ ft	Sp. Conductance		A
	☐ dms		☐ dms	24.0	7.86	0.3	☒ m	(umho/cm)		
			Salinity (ppt)		Comments					

Relinquished By: DEP Kristen Bonilla	Date/Time 03/25/19	Shipping Method Fedex	Number of Coolers Shipped: 3	Received By: hk	Date/Time 3-26-19 / 10:00
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Group: A	Bottle Type:	P-1L	# of Bottles: 11	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:	BP-1L	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 11	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SE-FLR-ECQ					
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	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: 11	Preservative:	FILTER-ICE	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-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SE-FLR-ECQ					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

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: FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F					

Date of Request: 07-MAR-2019
 Created By: SEWELL_M On: 07-MAR-2019
 Modified By: JASROTIA_P On: 08-MAR-2019
 Customer: SE-DIST
 Project: SMP
 Division:
 District: Southeast District
 Sampling Event: SMP-Kevin Run

Send Coolers To:

Phone: (772) 4485883
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number:
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 08-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 08-MAR-2019
 Sampling Kit Required: YES Ship on: 15-MAR-2019
 Sampling Kit Shipped: YES On: 12-MAR-2019
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 21-MAR-2019
 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: All sites + Field replicate
 Bottle Group B: Blank

Bottle Group A (Water) With 11 Samples:

Bottle Type: P-1L	Number of Bottles: 11	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 using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 11	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI	Number of Bottles: 11	Preserved With: ICE
SE-FLR-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Port St. Lucie
Bottle Type: P-500ML	Number of Bottles: 11	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: 11	Preserved With: FILTER-ICE
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 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 using a maximum of 250 mL of sample	
Bottle Type: P-250ML-WI-THI		Number of Bottles: 1	Preserved With: ICE
SE-FLR-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Flowers Chemical Laboratory in Port St. Lucie	
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: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	