Log-in Checklist

RQ- 2020-02-17-16 Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 2/ 21 /20 @ 10:20

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
0.5				13		✓			1278 4011 9874
0.9				9		✓			1278 4010 9222
1.5				10		✓			1278 4011 9896
1.8				16		✓			1278 4011 9885
									[illegible]

* 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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No_____

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

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an **NCR**.

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

Chlorine detected? (One container checked per Field ID) Yes_____ No_____ Init:_____

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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:** 2/ 21 /20 **NCRs (Y/N)?** N

Event ID: SMP- Kevin (Even Months)
SE-DIST-2020-02-21-01 (SMP)
Date Received: 21-FEB-2020 10:20 **NCR #**_____

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:11-5-20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	220416A EXP:7/30/20
pH Paper 0 – 13 Lot #	215517 EXP:6/1/20
Chlorine Test Strips Lot #	8261 EXP:7/2021

Additional Comments:

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: _____

Request Number: RQ-2020-02-17-16

SMP- Kevin (Even Months)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Project ID: SMP

Requester: Matt Sewell

Collected By: Jordan Skaggs, Drew Liddich

Field Report Prepared By: Jordan Skaggs

Sampling Agency: ZIFLWPB

Location: Taylor Creek @ 441

WIN ID/Field ID: G1SE0001

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 10:45 (Eastern / Central) | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 3.66 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 24.1 | pH 7.34 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 517

Salinity (ppt) 0.25 | Comments

Location: Taylor Creek @ 441

WIN ID/Field ID: FB_02202020

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 10:50 (Eastern / Central) | Composite end Date Time | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): D.I. | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Location: Taylor Creek @ 39th St.

WIN ID/Field ID: G1SE0024

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 11:00 (Eastern / Central) | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 2.41 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 24.8 | pH 7.17 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 604

Salinity (ppt) 0.29 | Comments: no E. coli submitted

Location: Popash Slough @ 67th Dr.

WIN ID/Field ID: G1SE0027

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 11:35 (Eastern / Central) | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.56 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 26.0 | pH 7.02 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 1809

Salinity (ppt) 0.91 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JS (FDEP)	02/20/20 16:30	Fedex	4	KK	2.21.20 / 1020

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-WO-THI	# of Bottles: 11	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**

ECOLI-18QT

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: 3	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:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**

CHLSUITE-W

Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**

Request Number: RQ-2020-02-17-16

SMP- Kevin (Even Months)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Project ID: SMP

Requester: Matt Sewell

Collected By: Jordan Skaggs, Drew Liddich

Field Report Prepared By: Jordan Skaggs

Sampling Agency: 21FLWPB

Location: L-62 upstream of S-154C

WIN ID/Field ID: G1SE0028

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 12:00 ☐ Eastern ☑ Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.39 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C) 25.7 | pH 7.56 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 1497

Salinity (ppt) 0.75 | Comments: no E. coli submitted

Location: Taylor Creek @ 70

WIN ID/Field ID: G1SE0011

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 13:20 ☐ Eastern ☑ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.38 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C) 25.9 | pH 7.34 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 628

Salinity (ppt) 0.30 | Comments:

Location: Lemkin Creek @ 78

WIN ID/Field ID: G1SE0026

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 13:45 ☐ Eastern ☑ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.82 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C) 26.3 | pH 7.43 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 1441

Salinity (ppt) 0.72 | Comments: no E. coli submitted

Location: Taylor Creek @ 98

WIN ID/Field ID: G1SE0025

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 02/20/20 Time 14:15 ☐ Eastern ☑ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 9.57 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L): —

Temp (C) 27.5 | pH 7.95 | Sample Depth 0.3 ☐ ft ☐ m | Sp. Conductance (umho/cm) 638

Salinity (ppt) 0.31 | Comments: no E. coli submitted

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
JS (FDEP)	02/20/20 16:30	FedEx	4	KK	2.21.20 / 1020

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-WO-THI	# of Bottles: 11	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	ECOLI-18QT					
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: 3	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:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** _____

Request Number: RQ-2020-02-17-16

SMP- Kevin (Even Months)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SE-DIST

Project ID: SMP

Requester: Matt Sewell

Field Report Prepared By: Jordan Skaggs

Collected By: Jordan Skaggs, Drew Liddick

Sampling Agency: 21FLWPB

Location: L-63 @ SE 59th Blvd.

WIN ID/Field ID: G1SE0029

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 02/20/20 Time 14:45 Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)		
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.37	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
		Temp (C) 26.7	pH 7.23	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 611			
	☐dd ☐dms	Salinity (ppt) 0.29	Comments						

Location: L-63 @ SE 59th Blvd.

WIN ID/Field ID: G1SE0029_DUP

Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 02/20/20 Time 14:55 Eastern Central		Composite end Date Time		Bottle Group(s)		
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.37	☑ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			
		Temp (C) 26.7	pH 7.23	Sample Depth 0.3	☐ ft ☑ m	Sp. Conductance (umho/cm) 611			
	☐dd ☐dms	Salinity (ppt) 0.29	Comments						

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)			
WIN/STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)			
Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	Salinity (ppt)	Comments						

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)			
WIN/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
JS (FDEP)	02/20/20 16:30	FedEx	4	KK	2.21.20 / 1020

Group: A	Bottle Type:	P-1L	# of Bottles: 11	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	6
	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**	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 11	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 11	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	6
	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**	6
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3

Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles:	3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	ECOLI-18QT							
Group: B	Bottle Type:	P-500ML	# of Bottles:	3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	3
	W-HARD W-ICP W-ICPMS							
Group: B	Bottle Type:	P-500ML	# of Bottles:	3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC							
Group: B	Bottle Type:	P-125ML	# of Bottles:	3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	3
	W-PO4-F							
Group: C	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: C	Bottle Type:	P-500ML	# of Bottles:	1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-HARD W-ICP W-ICPMS							
Group: C	Bottle Type:	P-500ML	# of Bottles:	1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC							

Group: C Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE **Enter Number of Bottles Sent to Lab** 1

W-PO4-F

RQ-2020-02-17-16

Date of Request: 15-JAN-2020
Created By: SEWELL_M On: 15-JAN-2020
Modified By: WATTS_J On: 31-JAN-2020
Customer: SE-DIST
Project: SMP
Division:
District: Southeast District
Sampling Event: SMP- Kevin (Even Months)

Send Coolers To:

Phone: (772) 4485883
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:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 31-JAN-2020
Biology Request Reviewed By: JASROTIA_P On: 30-JAN-2020
Sampling Kit Required: YES Ship on: 10-FEB-2020
Sampling Kit Shipped: YES On: 17-FEB-2020
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 17-FEB-2020
Received By:

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

Comments: Sampler Comments:
Bottle Group A: Nutrients
Bottle Group B: Nutrients and metals for 3205A and 3203C + field replicate
Bottle Group C: 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-2011) 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 Color (true)	Template: DEFAULT	(SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) 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-WO-THI — Number of Bottles: 11 — Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML — Number of Bottles: 11 — 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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML — Number of Bottles: 11 — 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 3 Samples:

Bottle Group B (Water) With 3 Samples:

Bottle Type: P-500ML — Number of Bottles: 3 — 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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML — Number of Bottles: 3 — 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: 3 — Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L — Number of Bottles: 3 — Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WO-THI — Number of Bottles: 3 — Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML — Number of Bottles: 3 — Preserved With: HNO3

W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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
Barium		
Calcium		
Iron		
Magnesium		
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
*Boron		
Aluminum		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Group C (Water) With 1 Samples:

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

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Bottle Group C (Water) With 1 Samples:

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

W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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
Barium		
Calcium		
Iron		
Magnesium		
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
*Boron		
Aluminum		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		

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-2011) 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.

Cooler Packing Worksheet for Request: RQ-2020-02-17-16
SMP- Kevin (Even Months)
Ship Cooler On: 2/10/2020
Customer/Project: SE-DIST/SMP

Assigned To: REYNOLDS_T
Requester: Matt Sewell
Priority: 3

(772) 4485883
FL Dept. of Environmental Protection
2199 South Rock Road
Fort Pierce, FL 34945

Attn: Matthew Sewell

~~E. Coli~~
~~3205A V GLSE0001~~
~~3205C V GLSE0007~~
~~3205B V GLSE0011~~
~~3203C V GLSE0039~~

Comments:
No preservatives needed.

Sampler Comments:
Bottle Group A: Nutrients
Bottle Group B: Nutrients and metals for 3205A and 3203C + field replicate
Bottle Group C: Blank

Requested Analyses:

Bottle Group: A **# of Sites: 11**

Container ID: P-1L **Qty: 11** **Preservation: ICE** Lot # 00076335
Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L **Qty: 11** **Preservation: ICE** Lot # 1269688
Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI **Qty: 11** **Preservation: ICE** **Lot #** L19267

Description: 250 ml Sterilized no tablet

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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Container ID: P-500ML **Qty: 11** **Preservation: ICE And H2SO4** **Lot #** 00076610

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 11** **Preservation: FILTER-ICE** **Lot #** 00075961

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B **# of Sites: 3**

Container ID: P-1L **Qty: 3** **Preservation: ICE** **Lot #** 00076335

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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Container ID: BP-1L **Qty: 3** **Preservation: ICE** **Lot #** 1269688

Description: Brown Plastic Bottle 1L

Analysis	Description
CHLSUITE-W	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI **Qty: 3** **Preservation: ICE** **Lot #** L19267

Description: 250 ml Sterilized no tablet

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML **Qty: 3** **Preservation: HNO3** **Lot #** 00076610

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-HARD	Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML **Qty: 3** **Preservation: ICE And H2SO4** **Lot #** 00076610

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 3** **Preservation: FILTER-ICE** **Lot #** 00075961

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C # of Sites: 1

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 0007633S

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices
W-TSS	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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Container ID: P-500ML **Qty: 1** **Preservation: HNO3** **Lot #** 00076610

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-HARD	Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

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Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** 00076610

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis	Description
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML **Qty: 1** **Preservation: FILTER-ICE** **Lot #** 00075961

Description: Plastic Bottle 125 mL

Analysis	Description
W-PO4-F	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Tyler R Number of Coolers: TR 3 (3) (4) Date: 02/17/2020

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ✓ FedEx Bills, if applicable
- ✓ Plastic Bags/Zip Ties
- ___ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2020-02-17-16