

Log-in Checklist

RQ- 2019-0264-70

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/6/19 @ 10:25

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)
				Present?		*Intact?		
	HNO ₃	Formalin		Yes	No	Yes	No	
9.1			12		✓			4751 8776 1358
1.1			12		✓			4751 8776 1347

* 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: W14

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: W14

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ✓ Init: W14

Coolers Unpacked/Checked by: KK Date: 3/6/19 NCRs (Y/N)? ~

Event ID: SO-DIST-2019-03-06-01 (SMP) NCR #
Date Received: 06-MAR-2019 10:25

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Field Report Prepared By: Gray SmardCollected By: Steve ColoneSampling Agency: 9032 SROZ

Field ID/WIN ID G1SD0074	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/5/2019</u> Time <u>1130</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <u>03</u> <u>A B</u>
Location ENRE 10 near Boat Ramp	Matrix (type, e.g., Salt, Fresh, etc) <u>Marine</u>	Diss. Oxygen <u>5.16</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>27.1</u>	pH <u>7.66</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>47648</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>30.96</u>	Comments		
Field ID/WIN ID G1SD0075	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/5/2019</u> Time <u>1200</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>02</u> <u>A B</u>
Location ENRE 10 off Chokoloskee	Matrix (type, e.g., Salt, Fresh, etc) <u>Marine</u>	Diss. Oxygen <u>5.55</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>27.8</u>	pH <u>7.73</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>48675</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>31.70</u>	Comments		
Field ID/WIN ID G5SD0092	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/5/2019</u> Time <u>1230</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>05</u> <u>B A</u>
Location ENRE10 Lopez River	Matrix (type, e.g., Salt, Fresh, etc) <u>Marine</u>	Diss. Oxygen <u>4.87</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>27.6</u>	pH <u>7.62</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>45020</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>29.11</u>	Comments <u>or entero E.coli F.Coli Sent Sanders</u>		
Field ID/WIN ID G5SD0093	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>3/5/2019</u> Time <u>1245</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>05</u> <u>B A</u>
Location ENRE9 Lopez River	Matrix (type, e.g., Salt, Fresh, etc) <u>Marine</u>	Diss. Oxygen <u>4.43</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Temp (C) <u>27.6</u>	pH <u>7.56</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>42110</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>26.76</u>	Comments <u>or entero E.coli F.Coli Sent Sanders</u>		
Relinquished By: <u>Gray Smard</u> Date/Time: <u>3/5/19</u> Shipping Method: <u>fedex</u> Number of Coolers Shipped: <u>2</u> Received By: <u>RAK</u> Date/Time: <u>3.6.19 @ 10:25</u>					

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>0</u>
	SD-SND-ENT						
	SD-SND-FC						<i>e.coli entero send. to sender's</i>
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	CHLSUITE-W						
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						

Request Number: RQ-2019-02-04-70

Wilderness Waterway

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Collected By: Steve Colman

Field Report Prepared By: Gray Enrick

Sampling Agency: 8052 SRAC

Field ID/WIN ID G5SD0094		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/5/19 Time 1300		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Location ENRE11 Sunday Bay		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 5.52		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		65 B A	
Temp (C) 27.9		pH 7.66		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 39817			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 35.33		Comments F.coli Enter Sent to Sanders					
Field ID/WIN ID G5SD0026		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/5/19 Time 1330		Eastern Central		Composite end Date Time		Bottle Group(s)	
Location ENRE 11 at Huston Bay		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 7.48		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C B A	
Temp (C) 27.9		pH 7.92		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 40023			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 25.48		Comments F.coli Enter Sent to Sanders					
Field ID		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					
Field ID		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By: Gray Enrick	Date/Time 3/5/19	Shipping Method Fedex	Number of Coolers Shipped: 2	Received By: KIL	Date/Time 3.6.19 @ 10:25
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	SD-SND-ENT					
	SD-SND-FC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-BR-IC					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: B

Bottle Type:

P-125ML

of Bottles: 4

Preservative: FILTER-ICE

Enter Number of Bottles Sent to Lab

2

W-PO4-F

Date of Request: 23-JAN-2019
 Created By: DUGAN_M On: 23-JAN-2019
 Modified By: JASROTIA_P On: 24-JAN-2019
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: Wilderness Waterway

Send Coolers To:

Phone: 239-344-5610
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

Send Final Report To:

FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Maryann Dugan

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 24-JAN-2019

Biology Request Reviewed By: JASROTIA_P On: 24-JAN-2019

Sampling Kit Required: YES Ship on: 28-JAN-2019

Sampling Kit Shipped: YES On: 28-JAN-2019

Sampling Kit Packed By: REAVES_S

Preservatives Needed: YES

Date to Receive Samples: 04-FEB-2019

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Marinewater-Nutrients, Entero, Fecal x 4
 Group B: Marinewater-Nutrients x 4

1 - case of sulfuric acid

2 - sets of sulfuric acid labels

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide 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 using a maximum of 250 mL of sample

Bottle Type: BP-1L	Number of Bottles: 4	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: 8	Preserved With: ICE
SD-SND-ENT	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Sanders Laboratories in Fort Myers
SD-SND-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by Sanders Laboratories in Fort Myers

Bottle Type: P-500ML	Number of Bottles: 4	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: 4	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 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L

Bottle Group B (Water) With 4 Samples:

Bottle Type: P-1L		Number of Bottles: 4	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices	
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide 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 using a maximum of 250 mL of sample	
Bottle Type: BP-1L		Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	
Bottle Type: P-500ML		Number of Bottles: 4	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: 4	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	