

RQ- 2019-12-02-47

Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/19/19 @ 11:00

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	No	Yes	No	
2.1				9		✓			1278 4009 6001
1.9				7 6		✓			1278 4009 3998
				12/19/19 IM					

*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO₃ and Formalin preserved samples do **NOT** have a temperature requirement. **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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

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

Coolers Unpacked/Checked by: IM Date: 12/19/19

NCRs (Y/N)? ☒Event ID: SMP : Peace River Hoove Horse Creek
SO-DIST-2019-12-19-03 (SMP)

NCR #

Date Received: 19-DEC-2019 11:00

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

Additional Comments:

Infrared Thermometer ID:	REC_02_2018 EXP: 4/29/20
pH Test Strips 0 – 6 Lot #	
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 6/1/20
Chlorine Test Strips Lot #	8261 EXP: 7/2020

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 _____ 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 : Peace River Above Horse Creek

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Nicole Reistad

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		Field ID/WIN ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/18/19</u> Time <u>1100</u>		☒ Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2) A	
Field ID		Location PeaceRiver HorseCreek2		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.72</u>		☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #				Temp (C) <u>22.24</u>		pH <u>7.73</u>		Sample Depth <u>0.3</u>	☐ ft ☒ m		Sp. Conductance (umho/cm) <u>414</u>
Latitude		☐ dd ☐ dms	Longitude		☐ dd ☐ dms	Salinity (ppt) <u>0.20</u>		Comments			
Location		Field ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/18/19</u> Time <u>1103</u>		☒ Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) C	
Field ID		PeaceRiver HorseCreek2		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #		WIN ID 		Temp (C)		pH		Sample Depth <u>0.3</u>	☐ ft ☒ m		Sp. Conductance (umho/cm)
Latitude		☐ dd ☐ dms	Longitude		☐ dd ☐ dms	Salinity (ppt)		Comments <u>Field replicate</u>			
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
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: <i>Chris Harmoth</i>	Date/Time <i>12/18/19 1300</i>	Shipping Method <i>Fedex</i>	Number of Coolers Shipped: <i>2</i>	Received By: <i>Ian McCar</i>	Date/Time <i>12/19/19 11:00</i>
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Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0 - 1 sent to Benchmark
	SD-BES-ECQ					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS Lot no: NA92150 Expires: 09/11/20					
Group: A	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 Lot no: SA9203100 Expires 07/22/20					
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					
Group: A	Bottle Type:	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	W-PSNP-TQ					
Group: B	Bottle Type:	PT-50ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
	ALGAL_ID					
Group: B	Bottle Type:	PJ-2L	# of Bottles: 2	Preservative: Formalin	Enter Number of Bottles Sent to Lab	0

Group: B	Bottle Type: MI-FW-QLDC	PJ-2L	# of Bottles: 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
Lot no. 5X9203100 Expires 07/22/20							
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
Group: C	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>

Date of Request: 12-NOV-2019
 Created By: REISTAD_N On: 12-NOV-2019
 Modified By: JASROTIA_P On: 15-NOV-2019
 Customer: SO-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: South District
 Sampling Event: SMP : Peace River Above Horse Creek

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
 FLDEP South District Office
 2295 Victoria Ave. Suite 364
 Fort Myers, FL 33901-3381
 Attn: Nicole Reistad

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 15-NOV-2019

Biology Request Reviewed By: JASROTIA_P On: 15-NOV-2019

Sampling Kit Required: YES Ship on: 22-NOV-2019

Sampling Kit Shipped: YES On: 22-NOV-2019

Sampling Kit Packed By: KLUG_K

Preservatives Needed: NO

Date to Receive Samples: 02-DEC-2019

Received By:

Send Final Report To:

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

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Nutrients, Metals, Tracers, Q-PSNP-TQ, E. coli
 Group B: SCI, Algae_ID
 Group C: Nutrients, W-PSNP-TQ DUPLICATE

Bottle Group A (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 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-2011) True Color measured at 450 nm
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: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-120ML-WC-THI	Number of Bottles: 2	Preserved With: ICE
SD-BES-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO ₃
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
Aluminum		
Barium		
Calcium		
Iron		

Bottle Group A (Water) With 1 Samples:

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
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
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group B (Biological) With 1 Samples:

Bottle Type: PJ-2L	Number of Bottles: 2	Preserved With: Formalin
MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.
Bottle Type: PT-50ML	Number of Bottles: 1	Preserved With: ICE
ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

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
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: 1	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: 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

Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE
W-PSNP-TQ Template: DEFAULT (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

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