Log-in Checklist

RQ-2019-07-01-48

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/10/2019 @ 9:50

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	
1.9°C				11		X			4751 8780 8349
2.6°C				12		X			4751 8780 8350
0.9°C				10		X			4751 8780 8327
1.3°C				16		X			4751 8780 8378

* 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 X

****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 X **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: TR

Chlorine detected? (One container checked per Field ID) Yes ____ No X Init: TR

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: TR

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

Coolers Unpacked/Checked by: Tyler Reynolds **Date:** 07/10/2019 **NCRs (Y/N)?** N

Event ID: P Cricks 1 SO-DIST-2019-07-10-01 (SMP) Date Received: 10-JUL-2019 09:50 ____ **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:	REC_04_2018 | EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV | EXP:05/15/2020
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 | EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 | EXP: 07/30/2021

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-2019-07-01-48

P Cricks 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Collected By: Miranda Carroll

Field Report Prepared By: Miranda Carroll

Sampling Agency: FDEP SROC

Location / Field ID / WIN/STORE	Field ID/WIN ID G3SD0120; Location Shell Cr@HathawayPark	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/9/2019 Time 0930 ~~Eastern~~ Central	Composite end Date Time			Bottle Group(s) (See pg 2) A
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 3.49 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
		Temp (C) 28.6	pH 6.78	Sample Depth 0.25 ☐ ft ☒ m	Sp. Conductance (umho/cm) 939		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.46	Comments				
Location / Field ID / WIN/STORE	Field ID/WIN ID G3SD0067; Location PrairieCreek@WshgtnLoop	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/9/2019 Time 1015 ~~Eastern~~ Central	Composite end Date Time			Bottle Group(s) A
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 5.32 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
		Temp (C) 28.2	pH 6.58	Sample Depth 0.3 ☐ ft ☒ m	Sp. Conductance (umho/cm) 664		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.32	Comments				
Location / Field ID / WIN/STORET #	Field ID/WIN ID G3SD0132; Location RunofftoPeaceRiverSite3	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/9/2019 Time 1105 ~~Eastern~~ Central	Composite end Date Time			Bottle Group(s) B
		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 6.10 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
		Temp (C) 26.4	pH 5.82	Sample Depth 0.25 ☐ ft ☒ m	Sp. Conductance (umho/cm) 297.9		
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.14	Comments				
Location / Field ID / WIN/STORET #	Field ID G3SD0067_DUP; PrairieCreek@WshgtnLoop; WIN ID G3SD0067	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/9/2019 Time 1145 ~~Eastern~~ Central	Composite end Date Time			Bottle Group(s) A
		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 Duplicate				

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
CJ	7/9/19 1400	fedex		Tyler Reynolds	07/10/19 @ 9:50

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
A	P-1L	3	ICE	3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
A	BP-1L	3	ICE	3
	CHLSUITE-W			
A	QPCR-P-500ML	3	ICE	3
	PCR-BACR PCR-HF183			
A	P-250ML-WI-THI	3	ICE	~~3~~ ~~0~~ mc
	SD-BES-ECQ			Sent to Benchmark
A	BG-500ML	3	CH2ClCOOH Pre-Preserved	3
	W-CARB-AA			
A	BG-500ML	8	ICE	8
	W-CT-Cl-R W-PCL-SQ-R			
A	BG-500ML	3	ICE	3
	W-E8321-DI W-E8321-MS			
A	P-500ML	3	HNO3	3
	W-ICP W-ICPMS			
A	P-500ML	3	ICE And H2SO4	3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC		Lot # ~~SA844~~ mc SA 8344070	

Request Number: RQ-2019-07-01-48

P Cricks 1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Project ID: SMP

Requester: Maryann Dugan

Collected By: Miranda Carroll

Field Report Prepared By: Miranda Carroll

Sampling Agency: FDEP SROC

Location: Field ID/WIN ID G3SD0131	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/9/2019 Time 1235 ~~Eastern~~ Central			Composite end Date Time	Bottle Group(s) (See pg 2) C
Field ID: Location	Matrix (type, e.g., Salt, Fresh, etc): Fresh		Diss. Oxygen 5.54 ☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
WIN/STORET #: BobcatCreekPreserveEast	Temp (C) 25.9	pH 6.46	Sample Depth 0.05 ☐ ft ☒ m		Sp. Conductance (umho/cm) 352.7	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) 0.17	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			
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
				Tyler Reynolds	07/10/19 @ 9:50

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
A	P-1L	3	ICE	
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS			
A	BP-1L	3	ICE	
	CHLSUITE-W			
A	QPCR-P-500ML	3	ICE	
	PCR-BACR PCR-HF183			
A	P-250ML-WI-THI	3	ICE	
	SD-BES-ECQ			
A	BG-500ML	3	CH2ClCOOH Pre-Preserved	
	W-CARB-AA			
A	BG-500ML	8	ICE	
	W-CT-CI-R W-PCL-SQ-R			
A	BG-500ML	3	ICE	
	W-E8321-DI W-E8321-MS			
A	P-500ML	3	HNO3	
	W-ICP W-ICPMS			
A	P-500ML	3	ICE And H2SO4	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			

Group	Bottle Type		# of Bottles	Preservative		Enter Number of Bottles Sent to Lab
A	W-PO4-F	P-125ML	3		FILTER-ICE	3
A	W-PSNP-TQ	BG-1L	8		ICE	8
B	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	1		ICE	1
B	CHLSUITE-W	BP-1L	1		ICE	1
B	PCR-BACR PCR-HF183	QPCR-P-500ML	1		ICE	1
B	SD-BES-ECQ	P-250ML-WI-THI	1		ICE	1
B	W-E8321-DI W-E8321-MS	BG-500ML	1		ICE	1
B	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	1		ICE And H2SO4 Lot # NA9099030	1
B	W-PO4-F	P-125ML	1		FILTER-ICE	1
C		P-1L	1		ICE	1

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
C	P-1L	1	ICE	1

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
C	BP-1L	1	ICE	1

CHLSUITE-W

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
C	P-250ML-WI-THI	1	ICE	1

SD-BES-ECQ

Group:	Bottle Type:	# of Bottles:	Preservative:	Enter Number of Bottles Sent to Lab
C	P-500ML	1	ICE And H2SO4	1

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

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

W-PO4-F

Cooler Packing Worksheet for Request: RQ-2019-07-01-48
P Cricks 1
Ship Cooler On: 6/21/2019
Customer/Project: SO-DIST/SMP

Assigned To: SHAIK_A
Requester: Maryann Dugan
Priority: 3

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

Attn: Maryann Dugan

Please return packing list with sample submittal forms.

Comments:
No preservatives needed.

Group A: Shell + Duplicate & Prairie-- Metals, Pesticides, PCRs, E.Coli x 2
Group B: Runoff-- Nutrients, E.Coli, PCRs, Tracers x 1
Group C: Bobcat-- Nutrients, E.Coli x 1

Requested Analyses:

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

Container ID: P-1L **Qty: 3** **Preservation: ICE** **Lot #** 00073854

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
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: 3** **Preservation: ICE** **Lot #** 1248630

Description: Brown Plastic Bottle 1L

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

Container ID: QPCR-P-500ML **Qty: 3** **Preservation: ICE** **Lot #** 00073849

Description: 500ml Sterile Nalgene Affix PCR Instruction Label to container

Analysis	Description
PCR-BACR	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-HF183	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

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Container ID: P-~~250ML~~ 120-WI-THI **Qty: 3** **Preservation: ICE** **Lot #** 6H02-1

Description: 250 ml Sterilized with tablet

Analysis	Description
SD-BES-ECQ	E. coli by Colilert/QT by BEA South in North Port

Container ID: BG-500ML **Qty: 3** **Preservation: CH2ClCOOH Pre-Preserved** **Lot #** ~~00074360~~ 00073513

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-CARB-AA	Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML **Qty: 8** **Preservation: ICE** **Lot #** 00073513

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-CT-CI-R	Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML **Qty: 3** **Preservation: ICE** **Lot #** 00073513

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML **Qty: 3** **Preservation: HNO3** **Lot #** 00073852

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

Analysis	Description
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 #** 00073852

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 #** 00073850

Description: Plastic Bottle 125 mL

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

Container ID: BG-1L **Qty: 8** **Preservation: ICE** **Lot #** 00073848

Description: Brown Glass Bottle 1L Affix BLUE dot to container.

Analysis	Description
W-PSNP-TQ	Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group: B # of Sites: 1

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 00073854

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
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: 1** **Preservation: ICE** **Lot #** 1248230

Description: Brown Plastic Bottle 1L

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

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Container ID: QPCR-P-500ML **Qty: 1** **Preservation: ICE** **Lot #** 0073849

Description: 500ml Sterile Nalgene Affix PCR Instruction Label to container

Analysis	Description
PCR-BACR	Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-HF183	Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

---

Container ID: P-~~250~~ML-WI-THI 120 **Qty: 1** **Preservation: ICE** **Lot #** 6H88-1

Description: 250 ml Sterilized with tablet

Analysis	Description
SD-BES-ECQ	E. coli by Colilert/QT by BEA South in North Port

Container ID: BG-500ML **Qty: 1** **Preservation: ICE** **Lot #** 0073558

Description: Brown Glass Bottle 500ML Affix BLUE dot to container.

Analysis	Description
W-E8321-DI	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** 0073859

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 #** 73850

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 #** 73854

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
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: 1** **Preservation: ICE** **Lot #** 1248230

Description: Brown Plastic Bottle 1L

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

Container ID: P-~~250~~120ML-WI-THI **Qty: 1** **Preservation: ICE** **Lot #** 6142TN

Description: 250 ml Sterilized with tablet

Analysis	Description
SD-BES-ECQ	E. coli by Colilert/QT by BEA South in North Port

Container ID: P-500ML **Qty: 1** **Preservation: ICE And H2SO4** **Lot #** 0073858

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 #** 0073858

Description: Plastic Bottle 125 mL

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

Cooler Packed By: [illegible] Number of Coolers: 4 Date: 6-20-19

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

If Preservation Included:

ID MCA	Exp 1-11-20	Lot # 08730
ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #

PLEASE RETURN ALL COOLERS FOR RQ-2019-07-01-48

RQ-2019-07-01-48

Date of Request:	17-JUN-2019
Created By:	DUGAN_M On: 17-JUN-2019
Modified By:	WATTS_J On: 18-JUN-2019
Customer:	SO-DIST
Project:	SMP
Division:	Division of Environmental Assessment and Restoration
District:	South District
Sampling Event:	P Cricks 1

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: 18-JUN-2019
Biology Request Reviewed By:	JASROTIA_P On: 18-JUN-2019
Sampling Kit Required:	YES Ship on: 21-JUN-2019
Sampling Kit Shipped:	YES On: 20-JUN-2019
Sampling Kit Packed By:	SHAIK_A
Preservatives Needed:	NO
Date to Receive Samples:	01-JUL-2019
Received By:	

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

Comments:
Group A: Shell + Duplicate & Prairie-- Metals, Pesticides, PCRs, E.Coli x 2
Group B: Runoff-- Nutrients, E.Coli, PCRs, Tracers x 1
Group C: Bobcat-- Nutrients, E.Coli x 1

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L — Number of Bottles: 3 — 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 Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
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 using a maximum of 250 mL of sample

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: BG-1L — Number of Bottles: 8 — Preserved With: ICE

W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

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: QPCR-P-500ML — Number of Bottles: 3 — Preserved With: ICE

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR 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: P-250ML-WI-THI — Number of Bottles: 3 — 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: 3 — Preserved With: CH2ClCOOH Pre-Preserved

W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

Bottle Group A (Water) With 3 Samples:

Bottle Type: BG-500ML Number of Bottles: 8 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 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM

Bottle Type: BG-500ML Number of Bottles: 3 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:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 3 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

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: 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-00) Nonpurgeable Organic Carbon in aqueous matrices

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 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 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: QPCR-P-500ML Number of Bottles: 1 Preserved With: ICE

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR 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: P-250ML-WI-THI Number of Bottles: 1 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

Bottle Group B (Water) With 1 Samples:

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:	(EPA 8321B)	Pesticides, 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 Group C (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 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-250ML-WI-THI Number of Bottles: 1 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: 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.