Log-in Checklist

RQ- 2019 - 07 - 15 - 23 Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 7-17-2019 / 13:42

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	
3.9C				14		X			

* 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 X 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 X No **Containers intact? Yes X No

**Sufficient Sample Volume: Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes X No Init: ABS

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

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 X No NA Init: ABS

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

Coolers Unpacked/Checked by: ABS **Date:** 07-17-2019 **NCRs (Y/N)?** —

Event ID: WAS - SECT - 2019 - 07 - 17 - 01 **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 03 2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	220416A EXP:07/30/2020
pH Paper 0 – 13 Lot #	215517 exp:jun 1 2020
Chlorine Test Strips Lot #	8212 2021 / 05

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, 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-2019-07-15-23

Wakulla BMAP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: BMAP

Requester: Curtis Musson

Collected By: Blake Spencer / Avni Wood-McGrath

Field Report Prepared By: Avni Wood-McGrath

Sampling Agency: FDEP

Location: WIN ID / Field ID → 44059 — Location: Wakulla River at boat tram

Field ID:

WIN/STORET #:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 7/17/19 Time 11:46 | Eastern / Central

Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Fresh

Diss. Oxygen: 49.4 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 21.5

pH: 7.61

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 317.8

Salinity (ppt): 0.15

Comments:

Bottle Group(s) (See pg 2): A

Location: WIN ID / Field ID → 44059 — Location: Wakulla River at boat tram

Field ID:

WIN/STORET #:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 7/17/19 Time 11:13 | Eastern / Central

Composite end Date — Time —

Matrix (type, e.g., Salt, Fresh, etc): Biological

Diss. Oxygen: — ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L): —

Temp (C): —

pH: —

Sample Depth: — ☐ ft ☐ m

Sp. Conductance (umho/cm): —

Salinity (ppt): —

Comments: 1 SCI jug / algal ID

Bottle Group(s): B

Location:

Field ID:

WIN/STORET #:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central

Composite end Date Time

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):

Salinity (ppt):

Comments:

Bottle Group(s):

Location:

Field ID:

WIN/STORET #:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central

Composite end Date Time

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):

Salinity (ppt):

Comments:

Bottle Group(s):

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
AWM	7/17/19	HD	1		7/17/19 1342

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-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
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				HN03 LOT# NA9999030 EXP: 04/09/20		
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				H2SO4 LOT# SA8344070 EXP: 12/10/2019		
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	1
	ALGAL_ID						
Group: B	Bottle Type:	PJ-2L	# of Bottles: 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	

Group: B Bottle Type: PJ-2L # of Bottles: 2 Preservative: Formalin Enter Number of Bottles Sent to Lab _____

MI-FW-QLDC

RQ-2019-07-15-23

Date of Request: 10-JUN-2019
Created By: MUSSON_C On: 10-JUN-2019
Modified By: SWANSON_C On: 25-JUN-2019
Customer: WAS-SECT
Project: BMAP
Division:
District:
Sampling Event: Wakulla BMAP

Send Coolers To:

Phone: 850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399
Attn: Curtis Musson

Send Final Report To:

2600 Blair Stone Rd

Tallahassee, FL 32399
Attn: Curtis Musson

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 25-JUN-2019
Biology Request Reviewed By: SWANSON_C On: 25-JUN-2019
Sampling Kit Required: YES Ship on: 11-JUL-2019
Sampling Kit Shipped: YES On: 10-JUL-2019
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 17-JUL-2019
Received By: SHAIK_A On: 17-JUL-2019

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
Group B: SCI, Algae_ID

Packing Notes:
No FedEX Labels
No Trash Bag

Bottle Group A (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-WO-THI Number of Bottles: 1 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: 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: 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		

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
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-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 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

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