Log-in Checklist

RQ- 2018-03-12-52

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 03-14-18 | 14:26

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	2.9C	17		✓			

*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 in any of the fields below, fill out the back of this form with additional details (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 ✓

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 (Blue dot on container)

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		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: AB

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: ____

Coolers Unpacked/Checked by: AB Date: 3-14-18 NCRs (Y/N)? ____

Event ID: Merrits Mill Pond BMAP WAS-SECT-2018-03-14-01 (BMAP) Date Received: 14-MAR-2018 14:26 NCR # ____

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

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_____ No_____

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: _____

Additional Comments:

Request Number: RQ-2018-03-12-52

Merrits Mill Pond 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: Curtis Musson

Field Report Prepared By: Curtis Musson

Sampling Agency: FDEP

Location: Merritt's Mill Pond 500 meters upstream of dam

Field ID / WIN/STORET #: WIN/Field ID G2WA0009

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-14-18 Time 0913 | Eastern ~~Central~~ | Composite end Date / Time /

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

Diss. Oxygen: 132.1 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): /

Temp (C): 17.25

pH: 8.22

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 266

Salinity (ppt): 0.13

Comments:

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

Location: Merritt's Mill Pond mid under powerlines

Field ID / WIN/STORET #: WIN ID/Field ID G1WA0008

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-14-18 Time 1041 | Eastern ~~Central~~ | Composite end Date / Time /

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

Diss. Oxygen: 119.8 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): /

Temp (C): 17.71

pH: 8.27

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 277

Salinity (ppt): 0.13

Comments:

Bottle Group(s): A

Location: Merritt's Mill Pond 600 meters downstream of Jackson Blue Spring

Field ID / WIN/STORET #: WIN ID/ Field ID G2WA0007

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3-14-2018 Time 1107 | Eastern ~~Central~~ | Composite end Date / Time /

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

Diss. Oxygen: 99.9 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): /

Temp (C): 20.33

pH: 7.89

Sample Depth: 0.3 ☐ ft ☒ m

Sp. Conductance (umho/cm): 278

Salinity (ppt): 0.13

Comments:

Bottle Group(s): A, 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):

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Curtis Musson	3-14-2018 / 1420	Drop off	1	[illegible]	3-14-18 / 1425

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

CHLSUITE-W

Group: A Bottle Type: P-500ML # of Bottles: 3 Preservative: HNO3 **Enter Number of Bottles Sent to Lab** 3

W-ICP
W-ICPMS

Group: A 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: A Bottle Type: P-125ML # of Bottles: 3 Preservative: FILTER-ICE **Enter Number of Bottles Sent to Lab** 3

W-PO4-F

Group: B Bottle Type: PT-50ML # of Bottles: 2 Preservative: ICE **Enter Number of Bottles Sent to Lab** 2

ALGAL_ID

RQ-2018-03-12-52

Date of Request: 20-FEB-2018
Created By: MUSSON_C On: 20-FEB-2018
Modified By: SWANSON_C On: 22-FEB-2018
Customer: WAS-SECT
Project: BMAP
Division: Division of Environmental Assessment and Restoration
District:
Sampling Event: Merrits Mill Pond 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: 20-FEB-2018
Biology Request Reviewed By: SWANSON_C On: 22-FEB-2018
Sampling Kit Required: YES Ship on: 08-MAR-2018
Sampling Kit Shipped: YES On: 07-MAR-2018
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 14-MAR-2018
Received By: SHAIK_A On: 14-MAR-2018

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

Comments: Group A: Freshwater Kit With Metals
Group B: Algal ID

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	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

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-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
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
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
Arsenic		
Cadmium		

Bottle Group A (Water) With 3 Samples:

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

W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Copper		
Lead		
Silver		

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 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 Group B (Biological) With 2 Samples:

Bottle Type: PT-50ML Number of Bottles: 2 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.