



QA/QC Sample Information Duplicate

Time Zone: EST CEN		Time: _____		Field ID: _____	
(WIN ID_DUP)					
WIN DMT Activity ID:					
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice			

Blank

FILED ID →



FB_06122019

Time Zone: EST CEN **Time:** 1001 **Field ID:** _____

Location Merritt's Mill Pond
mid under powerlines

DI Source: LAB C Building

Location: _____

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank

Equipment ID: _____

WIN DMT Blank Batch ID:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	5A8344070	12/10/19	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	5A8344050	12/10/19	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Chlorophyll Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY CHLSUITE-W	☒ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			
Microbiology	☐ E.coli ☐ F. Coliform ☐ Enterococci				

Notes:

Nutrients
Metals

WIN ID /
FILED ID →



G2WA0007

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

Signature: _____

Date: _____

6/12/19

LIMS EVENT ID: WAS-SECT-2019-06-13-02

WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: 806 6/28/19
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: AMM 7/23/19
(Initials/Date)

Scan/Save Field Sheets _____
(Initials/Date)

Migrate Data to WIN: _____
(Initials/Date)

Verify Data In WIN: _____
(Initials/Date)

Entered by Blake Spencer
QC'd by: AWM 7/23/19

SBIO: 79884 RPS: 9389

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: <u>G2 WA0007</u>					County: <u>Jackson</u>		Date: <u>6/12/19</u>		Investigators: <u>Curtis Musson</u>		
Transect (m)					Transect (m)					STORET Station Number: <u>G2WA0007</u>	
	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover		Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover		
0	1	X	N		60	1	X	N			
	2	N				2	N				
	3	N				3	N				
	4	N				4	N				
	5	N				5	N				
	6	N				6	N				
	7	N				7	N				
	8	N				8	N				
	9	X				9	X				
10	1	X	N		70	1	X	N			
	2	N				2	N				
	3	N				3	N				
	4	N				4	N				
	5	N				5	N				
	6	N				6	N				
	7	N				7	N				
	8	N				8	N				
	9	X				9	X				
20	1	X	N		80	1	X	N			
	2	N				2	N				
	3	N				3	N				
	4	N				4	N				
	5	N				5	N				
	6	N				6	N				
	7	N				7	N				
	8	N				8	N				
	9	X				9	X				
30	1	X	N		90	1	X	N			
	2	N				2	N				
	3	N				3	N				
	4	N				4	N				
	5	N				5	N				
	6	N				6	N				
	7	N				7	N				
	8	N				8	N				
	9	X				9	X				
40	1	X	N		100	1	X	N			
	2	N				2	N				
	3	N				3	N				
	4	N				4	N				
	5	N				5	N				
	6	N				6	N				
	7	N				7	N				
	8	N				8	N				
	9	X				9	X				
50	1	X	N		Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached. Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank. Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6. Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.						
	2	N									
	3	N									
	4	N									
	5	N									
	6	N									
	7	N									
	8	N									
	9	X									

Secchi depth 100
Estimated? N

points ranked 4-6
total points assessed
% points ranked 4-6

(Exclude X's)

Check accompanying data
collected at same site/date.

Algal mat sample
Linear Veg Survey
Habitat Assessment
SCI/Biorecon
Water sample
RQ-

Algal Thickness Rank	
N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

(> 3 considered smothered)

(N to 1 mm)

(3) 6mm

(4) 20mm

(5) 10cm

(6)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: BMAP

Requester: Curtis Musson

Field Report Prepared By: April Wood - MussonCollected By: April Wood - Musson, Curtis Musson, Blake SpenceSampling Agency: DEP

Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G2WA0007		Date 6/12/19 Time 10:26		Date		(See pg 2)
WIN/STORET #	Merritt's Mill Pond 600 meters downstream of Jackson Blue Sp		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Chlorine
Latitude	dd dms		Temp (C) 20.0		pH 7.42		Sample Depth 0.3
Longitude	dd dms		Salinity (ppt) 0.13		Sp. Conductance (umho/cm) 274.2		A/B
Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G2WA0008		Date 6/12/19 Time 9:52		Date		(See pg 2)
WIN/STORET #	Merritt's Mill Pond mid under powerlines		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Chlorine
Latitude	dd dms		Temp (C) 24.3		pH 7.50		Sample Depth 0.3
Longitude	dd dms		Salinity (ppt) 0.13		Sp. Conductance (umho/cm) 269.8		A
Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G2WA0009		Date 6/12/19 Time 9:38		Date		(See pg 2)
WIN/STORET #	Merritt's Mill Pond 500 meters upstream of dam		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Chlorine
Latitude	dd dms		Temp (C) 25.6		pH 7.44		Sample Depth 0.3
Longitude	dd dms		Salinity (ppt) 0.12		Sp. Conductance (umho/cm) 254.9		A
Location	WIN ID / FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	G2WA0008		Date 6/12/19 Time 9:58		Date		(See pg 2)
WIN/STORET #	Merritt's Mill Pond mid under powerlines		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Chlorine
Latitude	dd dms		Temp (C) 20.0		pH 7.42		Sample Depth 0.3
Longitude	dd dms		Salinity (ppt) 0.13		Sp. Conductance (umho/cm) 269.8		D

Relinquished By: <u>Blake Spence</u>	Date/Time: 6/13/19 0832	Shipping Method: HA	Number of Coolers Shipped: 1	Received By: <u>[Signature]</u>	Date/Time: 6/13/19 0832
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: BMAP

Requester: Curtis Musson

Field Report Prepared By: April Wood-McGraw

Collected By: April Wood-McGraw, Curtis Musson, Blake Spender

Sampling Agency: DEP

Location		FILED ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		FB_06122019		Date 6/12/19 Time 10:01		Date		(See pg 2)	
WIN/STORET #		Merritt's Mill Pond mid under powerlines		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude		dd dms		Temp (C)		pH		Sp. Conductance	
Longitude		dd dms		Salinity (ppt)		ft m		(umho/cm)	
Comments		Field Blank		Eastern		Central		Time	
Field ID		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Latitude		dd dms		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Longitude		dd dms		Temp (C)		pH		Sp. Conductance	
Salinity (ppt)		dd dms		Sample Depth		ft m		(umho/cm)	
Comments				Eastern		Central		Time	
Field ID		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Latitude		dd dms		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Longitude		dd dms		Temp (C)		pH		Sp. Conductance	
Salinity (ppt)		dd dms		Sample Depth		ft m		(umho/cm)	
Comments				Eastern		Central		Time	
Field ID		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Latitude		dd dms		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Longitude		dd dms		Temp (C)		pH		Sp. Conductance	
Salinity (ppt)		dd dms		Sample Depth		ft m		(umho/cm)	
Comments				Eastern		Central		Time	
Field ID		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Latitude		dd dms		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Longitude		dd dms		Temp (C)		pH		Sp. Conductance	
Salinity (ppt)		dd dms		Sample Depth		ft m		(umho/cm)	
Comments				Eastern		Central		Time	

Relinquished By: 	Date/Time: 6/13/19 0832	Shipping Method: HD	Number of Coolers Shipped: 1	Received By: 	Date/Time: 6/13/19 0837
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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				HNO3 LOT# N98344050 EXP: 12/10/2019		
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				H2SO4 LOT# S98344070 EXP: 12/10/2019		
	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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALGAL_ID						
Group: C	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: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3 HNO3 LOT# N98344050 EXP: 12/10/2019	Enter Number of Bottles Sent to Lab
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 H2SO4 LOT# S98344070 EXP: 12/10/2019	Enter Number of Bottles Sent to Lab
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: D	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
Group: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3 HNO3 LOT# N98344050 EXP: 12/10/2019	Enter Number of Bottles Sent to Lab
Group: D	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4 H2SO4 LOT# S98344070 EXP: 12/10/2019	Enter Number of Bottles Sent to Lab

Group: D

Bottle Type:

W-PO4-F

P-125ML

of Bottles: 1

Preservative:

FILTER-ICE

Enter Number of Bottles Sent to Lab

CALIBRATION AND VERIFICATION LOG (FPEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: 18T104543 RQ- 2014-10-01-20 Project: MMP BMAP

LVI Testing

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO	DO DEP SOP FT 1500	Name	Date	Time	CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	D.O. Meter mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.		Blake Spencer	6/12/19	0713		21.5	734.5	8.8	8.76	99.4	—	—	P / F	L / F
ICV		Blake Spencer	6/12/19	0714		21.6	734.6	8.8	8.77	99.6	—	—	P / F	L / F
CCV		Blake Spencer	6/12/19	1734		22.5	734.3	7.94	8.06	102.4	—	—	P / F	L / F
CCV		Blake Spencer	6/12/19	1736									P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75. Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec.	Cond.	Name	Date	Time	CT-ET	Lot #	Expir.	Standard μmhos/cm	Meter Reading μmhos/cm	Pass / Fail	Lab / Field
Calibr.		Blake Spencer	6/12/19	0719		190621C	07/2019	1000	1000	P / F	L / F
ICV		Blake Spencer	6/12/19	0721		160621C	07/2019	1000	999	P / F	L / F
CCV		Blake Spencer	6/12/19	1736		280821C	07/2020	100	101.9	P / F	L / F
CCV		Blake Spencer	6/12/19	1741		1904058	10/2020	22.5	4.11	P / F	L / F

Conductivity Acceptance criteria ± 5%

pH	DEP SOP FT 1100	Name	Date	Time	CT-ET	Lot #	Expir.	pH Buffer	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.		Blake Spencer	6/12/19	0723		180621E	01/2020	7.01	22.0	7.01	-26.4	P / F	L / F
Calibr.		Blake Spencer	6/12/19	0727		1904058	10/2020	4.08	22.2	4.00	149.3	P / F	L / F
Calibr.		Blake Spencer	6/12/19	0731		180621E	01/2020	10.03	22.3	10.03	-196.8	P / F	L / F
ICV		Blake Spencer	6/12/19	0732		180621E	01/2020	10.03	22.3	10.03	-197.2	P / F	L / F
CCV		Blake Spencer	6/12/19	1741		1904058	10/2020	4.08	22.5	4.11	142.4	P / F	L / F
CCV		Blake Spencer	6/12/19	1741		1904058	10/2020	4.08	22.5	4.11	142.4	P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50; If mV are recorded: slope from 7 to 10, slope from 4 to 7 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)
 If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification:
 If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____ Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time	CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
	Blake Spencer	6/12/19	0733		0.00	0.00	P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

<u>Analysis</u>	<u>Description</u>
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

Bottle Group: A		# of Sites: 3
Container ID: P-1L	Qty: 3	Preservation: ICE
Description: Plastic Bottle 1L		Lot # <u>00073854</u>

Requested Analyses:

- Comments:
- No preservatives needed.
- ✓Group A: Nutrients, Metals x3
- ✓Group B: Algal_ID x1 *MM Pond 600m*
- ✓Group C: QC Blank
- Nutrient, Metals
- ✓Group D: QC DUP
- Nutrients, Metals
- Packing Notes:
- No Fedex Labels
- No Trash Bags

850-245-8453
2600 Blair Stone Rd
Tallahassee, FL 32399
Attn: Curtis Musson

Assigned To: REAVES_S
Requester: Curtis Musson
Priority: 3

Cooler Packing Worksheet for Request: RQ-2019-06-10-22
Merritt's Mill Pond BMAP
Ship Cooler On: 6/6/2019
Customer/Project: WAS-SECT/BMAP

<u>Analysis</u> CHLSUITE-W	<u>Description</u> Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry	Container ID: BP-1L Description: Brown Plastic Bottle 1L	Qty: 3 Preservation: ICE	Lot # 1248230
<u>Analysis</u> W-ICP	<u>Description</u> Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	Container ID: P-500ML Description: Plastic Bottle 500 mL	Qty: 3 Preservation: HNO3	Lot # 00073852
W-ICPMS	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	Container ID: P-500ML Description: Plastic Bottle 500 mL	Qty: 3 Preservation: ICE And H2SO4	Lot # 00073852
<u>Analysis</u> W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	<u>Description</u> Ammonia in aqueous matrices as mg N/L Nitrite/Nitrate in aqueous matrices as mg N/L Total Phosphorus in aqueous matrices as mg P/L Total Kjeldahl Nitrogen in aqueous matrices Nonpurgeable Organic Carbon in aqueous matrices	Container ID: P-125ML Description: Plastic Bottle 125 mL	Qty: 3 Preservation: FILTER-ICE	Lot # 00073850
<u>Analysis</u> W-PO4-F	<u>Description</u> Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L	Bottle Group: B	# of Sites: 1	Container ID: PT-50ML Description: Plastic Tube 50 mL
<u>Analysis</u> ALGAL_ID	<u>Description</u> Qualitative assessment of algal taxa present without counts	# of Sites: 1	Qty: 1 Preservation: ICE	Lot # 430897

Bottle Group: C

of Sites: 1

Container ID: P-1L
Description: Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot # 00073854

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Analysis

CHLSSUIT-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Description: Plastic Bottle 500 mL

Qty: 1

Preservation: HNO3

Affix RED nitric acid dot to container.

Lot # 00073852

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples

supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Description: Plastic Bottle 500 mL

Qty: 1

Preservation: ICE And H2SO4

Affix YELLOW sulfuric acid dot to container.

Lot # 00073852

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML	Description: Plastic Bottle 125 mL	Qty: 1 Preservation: FILTER-ICE	Lot # 00073852
<u>Analysis</u>	W-PO4F	<u>Description</u>	Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L
<u>Bottle Group: D</u>			
<u># of Sites: 1</u>			
Container ID: P-1L	Description: Plastic Bottle 1L	Qty: 1 Preservation: ICE	Lot # 00073854
<u>Analysis</u>	ALKALINITY	<u>Description</u>	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	W-CL-IC	Turbidity in aqueous matrices	Chloride in aqueous matrices
W-COLOR	W-F	True Color measured at 450 nm	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices	Total Dissolved Solids in aqueous matrices	Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
W-TDS	W-TSS	Qty: 1 Preservation: ICE	Lot # 1248280
Container ID: BP-1L	Description: Brown Plastic Bottle 1L	<u>Description</u>	Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
<u>Analysis</u>	CHLSUITE-W	Qty: 1 Preservation: HNO3	Lot # 00073852
Container ID: P-500ML	Description: Plastic Bottle 500 mL	Affix RED nitric acid dot to container.	<u>Description</u>
<u>Analysis</u>	W-ICP	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples	supporting Clean Water Act Projects
W-ICPMS	Act Projects	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	

PLEASE RETURN ALL COOLERS FOR RQ-2019-06-10-22 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; border-bottom: 1px solid black;">ID</td> <td style="width: 30%; border-bottom: 1px solid black;">Exp</td> <td style="width: 40%; border-bottom: 1px solid black;">Lot #</td> </tr> <tr> <td style="border-bottom: 1px solid black;">ID</td> <td style="border-bottom: 1px solid black;">Exp</td> <td style="border-bottom: 1px solid black;">Lot #</td> </tr> <tr> <td style="border-bottom: 1px solid black;">ID</td> <td style="border-bottom: 1px solid black;">Exp</td> <td style="border-bottom: 1px solid black;">Lot #</td> </tr> <tr> <td style="border-bottom: 1px solid black;">ID</td> <td style="border-bottom: 1px solid black;">Exp</td> <td style="border-bottom: 1px solid black;">Lot #</td> </tr> <tr> <td style="border-bottom: 1px solid black;">ID</td> <td style="border-bottom: 1px solid black;">Exp</td> <td style="border-bottom: 1px solid black;">Lot #</td> </tr> </table> If Preservation Included:	ID	Exp	Lot #	ID	Exp	Lot #	ID	Exp	Lot #	ID	Exp	Lot #	ID	Exp	Lot #	Kit must also include: ☒ Field Sheets ☒ Temperature Control Bottle ☐ FedEx Bills, if applicable ☐ Plastic Bags/Zip Ties ☐ Acid Labels (sets of 24)
ID	Exp	Lot #														
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Cooler Packed By: <u>SK</u>	Number of Coolers: <u>2</u>	Date: <u>6-3-19</u>
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Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4 Lot # <u>00073852</u>	Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.	Analysis W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC
Container ID: P-125ML Qty: 1 Preservation: FILTER-ICE Lot # <u>00073850</u>	Description: Plastic Bottle 125 mL	Analysis W-PO4-F Description Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L Ammonia in aqueous matrices as mg N/L Nitrite/Nitrate in aqueous matrices as mg N/L Total Phosphorus in aqueous matrices as mg P/L Total Kjeldahl Nitrogen in aqueous matrices Nonpurgeable Organic Carbon in aqueous matrices