FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / (No)

WIN Station Name: Double Branch at CR159 **Date:** 12/4/2019 (mm/dd/yyyy)

WIN ID/ Field ID G1WA0091 **WBID:** 630 **Latitude:** 30.5502 (Decimal Degrees)

County: Gadsden **ORG ID:** 21FLWQA **Longitude:** -84.4265 (Decimal Degrees)

Receiving Body of Water: Ochlockonee River **RQ -** RQ-2019-12-02-28

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Avril Wood-McGrath			X				
Curtis Musson	X	X					

Sampling Equipment

- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with: meter stick
- Equipment ID

Collection Method

- [x] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low/ Normal/ High/ Flooded **Meter ID#** Bio #2 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High — Low — (Bracket Sample Time)

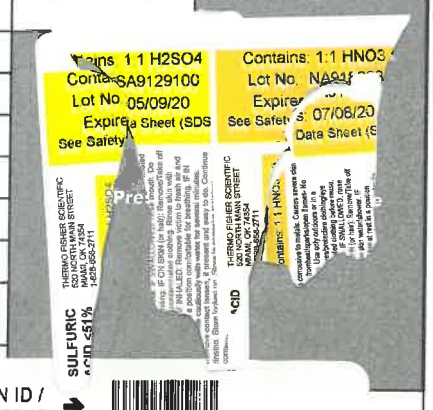
Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	8:24	0.2	0.1	VOB	9.70	90.4	6.95	0.02	51	7.29
CEN										

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: — HA-ID: — RPS-ID: — Macrophyte-ID: — LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA9129100	5/20	[x] <2
Metals	[x] W-ICPMS [ ] W-ICP	[x] Ice [x] HNO_3	NA9189080	7/20	[x] <2
Filtered Nutrients	[x] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[ ] E Coli [ ] F Coli [ ] Enterococci	[ ] Ice			
Molecular	[ ] PCR-FILTER [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-HF183 [ ] PCR-DG3 [ ] PCR-GFD	[ ] Ice			
Tracers	[x] W-E3821-MS [ ] W-E32821-DI	[x] ICE			
Pesticides	[ ] W-PSNP-TQ [ ] W-E3821-MS [ ] W-CT-CL-R [ ] W-PCL-SQ-R [ ] W-E3821-DI [ ] W-CARB-AA				
Phytoplankton	[ ] DTY-QN-C [ ] PKD-QN-C				



WIN ID / FILED ID → G1WA0091 A

Location Double Branch at CR159

Bottle Group A

QA/QC Sample Information

Duplicate

Time Zone: EST CEN **Time:** _____ **Field ID:** G1WA (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_2SO_4			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter CM	☐ 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			

Place Preservative Sticker(s) Here (If Available)

Blank

Time Zone: (EST) CEN **Time:** 9:39 **Field ID:** FB_12042019 (Blank Type_MMDDYYYY)

DI Source: C Building **Location:** Richlander Creek @ CR65B

☑ 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_2SO_4	SA9129100	5/9/20	☑ < 2
Metals	☑ W-ICPMS ☑ W-ICP	☑ Ice ☑ HNO_3	NA9189B0	7/8/20	☑ < 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			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ 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	☐ Ice ☐ Other			
Microbiology	☐ E.coli ☐ F. Coliform ☐ Entrococci				

Notes:

FILED ID → FB_12042019

Location → Richlander Creek at CR 65B

Signature: [signature] **Date:** 12/5/19

LIMS EVENT ID: WAS-SECT-2019-12-04-01 **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: CM 12.30.19 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** CM 1-2-2020 (Initials/Date)

Scan/Save Field Sheets CM 1-2-2020 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

RQ-2019-11-11-19

RQ-2019-12-02-28

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

Boldly "X" this box if there are qualified data on this page.

Meter ID: Bio #2 RQ- Project: SMP

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 DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	12/4/19	702	20.11	760	~~8.915~~ 9.074 cm	9.08	100.0	81.9	-	P / F	L / F
ICV	Curtis Musson	12/4/19	704	20.07	760	9.074	9.04	99.6	81.9		P / F	L / F
CCV	Curtis Musson	12/4/19	1402	18.33	760	9.409	9.35	99.4	73.7		P / F	L / F
CCV											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. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	12/4/19	707	190618F	6/2020	1000	1000	P / F	L / F
ICV	Curtis Musson	12/4/19	708	190618F	6/2020	1000	1001	P / F	L / F
CCV	Curtis Musson	12/4/19	1404	2908C81	Aug/2021	100	103	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	12/4/19	713	190618B	12/2020	7.02	19.98	7.02	-28.0	P / F	L / F
Calibr.	Curtis Musson	12/4/19	716	190618D	12/2020	4.00	20.04	4.00	142.9	P / F	L / F
Calibr.	Curtis Musson	12/4/19	719	190618C	12/2020	10.04	20.06	~~10.04~~ 10.04 cm	194.2	P / F	L / F
ICV										P / F	L / F
ICV ~~CCV~~ CM	Curtis Musson	12/4/19	722	190618C	12/2020	10.05	19.86	10.00	197.0	P / F	L / F
CCV	Curtis Musson	12/4/19	1405	190618D	12/2020	4.00	~~4.044~~ 19.6	4.04	141.0	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
Pressure mode in air	Curtis Musson	12/4/19	711	0.000	0.000	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:

Form effective August 1, 2018

Request Number: RQ-2019-12-02-28

Talquin Tribs

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Anil Wood-McGrath, Curtis Musson

Field Report Prepared By: Anil Wood-McGrath

Sampling Agency: FDEP

Location

WIN ID / FILED ID → G1WA0091

Field ID

WIN/STORET # Location: Double Branch at CR159

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12/4/19 Time 8:24 Eastern Central | Composite end Date — Time —

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

Diss. Oxygen: 80.4 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 7.29 | pH: 6.95 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 51

Salinity (ppt): 0.02 | Comments:

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

Location

FILED ID → FB_12042019

Field ID

WIN/STORET # Location: Richlander Creek at CR 65B

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12/4/19 Time 9:39 Eastern Central | Composite end Date — Time —

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

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): B

Location

WIN ID / FILED ID → G1WA0093

Field ID

WIN/STORET # Location: Richlander Creek at CR 65B

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12/4/19 Time 9:51 Eastern Central | Composite end Date — Time —

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

Diss. Oxygen: 98.4 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): —

Temp (C): 7.50 | pH: 7.45 | Sample Depth: 0.25 ☐ ft ☒ m | Sp. Conductance (umho/cm): 62

Salinity (ppt): 0.03 | Comments:

Bottle Group(s): A

Location

WIN ID → G1WA0093

Field ID

Location: Richlander Creek at CR 65B

WIN/STORET # Field ID: G1WA0093_DUP

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12/4/19 Time 10:07 Eastern Central | Composite end Date — Time —

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

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): A

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Anil Wood-McGrath	12/4/19 13:43	Hand Delivered	Two	FBP	12-4-19 13:43

Request Number: RQ-2019-12-02-28

Talquin Tribs

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Anni Wood-McGrath, Curtis Musson

Field Report Prepared By: Anni Wood-McGrath

Sampling Agency: FDEP

Location

Field ID

WIN ID / FILED ID → G1WA0075

WIN/STORET # Location: Lewis Creek Upstream of 157

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 12/4/19 Time 12:23 | Eastern Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 91.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 13.60 | pH 6.50 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 68

Salinity (ppt) 0.03 | Comments

Location 3

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 | Bottle Group(s)

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

Location 4

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 | Bottle Group(s)

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

Location 5

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 | Bottle Group(s)

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Anni Wood-McGrath	12/4/19 13:43	Hand Delivered	Two	ABP	12-4-19/13:43

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab 5
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab 5
	CHLSUITE-W					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab 5
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab 5
	W-ICP W-ICPMS				HNO3 LOT# NA9189080 EXP: 07/08/2020	
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 5
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 5
	W-PO4-F					
Group: B	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: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	0
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
Group: B	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**	1
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1

Cooler Packing Worksheet for Request: RQ-2019-12-02-28
Talquin Tribs
Ship Cooler On: 11/28/2019
Customer/Project: WAS-SECT/SMP

Assigned To: SHAIK_A
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:
No preservatives needed.

Group A: Nutrients, Metals, E. coli, tracers
4 sites + 1 DUP

Group B: Nutrients, Metals, E. coli, tracers
QC Blank

Packing Notes:
No FedEx labels
No trashbags

Requested Analyses:

Bottle Group: A

# of Sites: 5

Container ID: P-1L **Qty: 5** **Preservation: ICE** **Lot #** 00075290

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: 5** **Preservation: ICE** **Lot #** 1259820

Description: Brown Plastic Bottle 1L

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

ɔG-500ML **Qty: 5** **Preservation: ICE** **Lot #** 0072998

..ption: 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: 5** **Preservation: HNO3** **Lot #** 0075720

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

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Container ID: P-500ML **Qty: 5** **Preservation: ICE And H2SO4** **Lot #** 0075720

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: 5** **Preservation: FILTER-ICE** **Lot #** 0074430

Description: Plastic Bottle 125 mL

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

Bottle Group: B **# of Sites: 1**

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 0075490

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 #** 1254826

Description: Brown Plastic Bottle 1L

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

Container ID: BG-500ML **Qty: 1** **Preservation: ICE** **Lot #** 0072998

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: HNO3** **Lot #** 0007570

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: 1** **Preservation: ICE And H2SO4** **Lot #** 0007570

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 #** [illegible]

Description: Plastic Bottle 125 mL

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

Cooler Packed By: [signature] Number of Coolers: 2 Date: 11-27-19

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

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2019-12-02-28