FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End of Day CCV (Yes) / No

WIN Station Name: Richlander Creek at CR 65B **Date:** ~~1/28/2020~~ 3/25/20 (mm/dd/yyyy)

WIN/ Field ID: G1WA0093 **WBID:** 680 **Latitude:** 30.5228 (Decimal Degrees)

County: Gadsden **ORG ID:** 21FLWQA **Longitude:** -84.5544 (Decimal Degrees)

Receiving Body of Water: Lake Talquin **RQ-2020-** 03-23-21

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curtis Musson		X		X	X
Blake Spencer	X		X		

Sampling Equipment

- [x] Sample Container ☐ Van Dorn
- ☐ Syringe ☐ Pole
- ☐ 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# Biology #2

Photos: Yes / (No) **Flow:** No Flow / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA)

Tide Times: High NA Low NA

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

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

Notes:

Duplicate Sample

Time Zone: EST CEN **Time:** _____ **Field ID:** _____ (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: (EST) CEN **Time:** 1122 **Field**

DI Source: C-Building DI Tap **Loca**

[x] Field Blank ☐ Equipment Blank ☐ Field Cleaned Equioment Blank **Equi**

FILED ID → FB_03252020

Location Willacoochee Creek at 161

LIMS EVENT ID: WAS-SECT-2020-03-25-01 **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: ~~EAB~~ 3/26/20 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** CM 3.27.2020 (Initials/Date)

Scan/Save Field Sheets CM 3.27.2020 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

RQ-2020- 03-23-21 Collected By: Blake Spencer and Curtis Musson

Customer: WAS-SECT Field Report Prepared By: Blake Spencer

Project ID: SMP Sampling Agency: FDEP

WIN ID / FILED ID → G1WA0093

Location Richlander Creek at CR 65B

Comments:

Matrix: (Fresh) / Marine (Check one) ☒ GRAB ☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTh)
3/25/20	1009 EST / CST	8.41	98.6	20.85	6.67	0.2	☒ VOB (S)	0.4	62	0.03
	Cental Lab please use top row for login purposes									
	EST / CST									

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ $H2SO_4$*	☒ <2	1	B
	Lot # SA9203100 Exp:	7/22/20			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO_3*	☐ <2		
	Lot # Exp:				
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
	Filter Lot #				
	Syringe Lot #				
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☒ Ice		1	B
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name:	Signature:	Date:
Blake Spencer	Blake Spencer	3/25/20

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Request Number: RQ-2020-03-23-21

Little River

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Curtis Musson

Field Report Prepared By: Curtis Musson

Sampling Agency: FDEP

Location — WIN ID / FILED ID → G1WA0020

Field ID / Location: Little River 100 meters upstream of SR 12

WIN/STOR

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 3/25/20 Time 1051 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 93.2 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.57 | pH 6.65 | Sample Depth 0.25 ☐ ft ☒ m | Sp. Conductance (umho/cm) 92

Salinity (ppt) 0.04 | Comments

Location — WIN ID / FILED ID → G1WA0073

Field ID / Location: Little River 100 meters upstream of US 90

WIN/STORET

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☒ Comp ☐ Grab | Collection (comp begin or grab) Date 3/25/20 Time 0943 | Eastern / Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 91.0 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.43 | pH 6.48 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 95

Salinity (ppt) 0.04 | Comments

Location — WIN ID / FILED ID → G1WA0091

Field ID / Location: Double Branch at CR159

WIN/STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☒ Comp ☐ Grab | Collection (comp begin or grab) Date 3/25/20 Time 0856 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 62.9 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L)

Temp (C) 20.75 | pH 5.86 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 0.02

Salinity (ppt) 0.02 | Comments

Location — WIN ID / FILED ID → G1WA0075

Field ID / Location: Lewis Creek Upstream of 157

WIN/STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☒ Grab | Collection (comp begin or grab) Date 3/25/2020 Time 1211 | ~~Central~~ | Composite end Date / Time / | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 93.0 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 23.43 | pH 6.51 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 68

Salinity (ppt) 0.03 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				ABP	3-25-20 1301

Request Number: RQ-2020-03-23-21

Little River

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: Curtis Musson

Field Report Prepared By: Curtis Musson

Sampling Agency: FDEP

Location: WIN ID / FILED ID → G1WA0087
WIN/STORET Location: Willacoochee Creek at 161
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/25/20 Time 1132 | Eastern / Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 93.8 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.38 | pH 6.48 | Sample Depth 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm) 68

Salinity (ppt) 0.03 | Comments

Location: WIN ID / FILED ID → G1WA0086
WIN/STORET Location: Little River at Highbridge Road
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/25/2020 Time 0821 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 90.1 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 21.41 | pH 6.56 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 95

Salinity (ppt) 0.04 | Comments

Location: WIN ID / FILED ID → G1WA0093
WIN/STORET # Location: Richlander Creek at CR 65B
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/25/20 Time 1007 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 98.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 20.85 | pH 6.67 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 62

Salinity (ppt) 0.03 | Comments

Location: WIN ID ↓ G1WA0087 | Field ID ↑ G1WA0087_DUP
WIN/STORET Location: Willacoochee Creek at 161
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 3/25/20 Time 1138 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

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

Temp (C) — | pH — | Sample Depth 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm) —

Salinity (ppt) — | Comments: Field Duplicate

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Curtis Musson	3/25/20 13:01	Drop off	3	[illegible]	3-25-20 13:01

Request Number: RQ-2020-03-23-21

Little River

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Curtis Musson

Field Report Prepared By: Curtis Musson

Sampling Agency: FDEP

Location WIN ID / FILED ID → G1WA0098 Field ID WIN/STORET Location → Hurricane Creek at US 90 Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/25/20	Time 0922	Eastern Central	Composite end Date —	Time —	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 96.9 ☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) —	Bottle Group(s) (See pg 2) B
								Temp (C) 21.12	pH 6.90	Sample Depth 0.1 ☐ ft ☒ m	Sp. Conductance (umho/cm) 144
								Salinity (ppt) 0.07	Comments		
Location FILED ID → FB_03252020 Field ID WIN/STORE Location → Willacoochee Creek at 161 Latitude ☐dd ☐dms	Longitude ☐dd ☐dms	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/25/20	Time 1122	Eastern Central	Composite end Date —	Time —	Matrix (type, e.g., Salt, Fresh, etc) Blank (DI)	Diss. Oxygen —	☐ mg/L ☐ % sat Total Res. Chlorine (mg/L) —	Bottle Group(s) C
								Temp (C) —	pH —	Sample Depth — ☐ ft ☐ m	Sp. Conductance (umho/cm) —
								Salinity (ppt) —	Comments Field Blank		
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)	Bottle Group(s)
								Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)
								Salinity (ppt)	Comments		
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)	Bottle Group(s)
								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
				ABP	3-25-20 13:01

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- 2020-03-23-24 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.	B. Spencer	3/25/20	0706	20.50	760	9.003	9.00	100.0%	43.1	—	P F	L F
ICV	B. Spencer	3/25/20	0707	20.51	760	9.003	9.99	99.8%	43.1	—	P F	L F
CCV	B. Spencer	3/25/20	1319	20.31	760	9.059	8.90	99.4%	39.0	—	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.	B. Spencer	3/25/20	0709	191120A	12/2020	1000	1000	P / F	L F
ICV	B. Spencer	3/25/20	0710	191120A	12/2020	1000	997	P F	L F
CCV	B. Spencer	3/25/20	1322	2904681	08/2021	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.	B. Spencer	3/25/20	0713	190618B	12/2020	7.02	20.95	7.02	-32.7	P F	L F
Calibr.	B. Spencer	3/25/20	0716	200221A	09/2021	4.00	20.93	4.00	142.1	P F	L F
Calibr.	B. Spencer	3/25/20	0720	190618C	12/2020	10.05	20.93	10.03	-201.0	P F	L F
ICV	B. Spencer	3/25/20	0721	190618C	12/2020	10.05	21.14	10.02	-200.7	P F	L F
CCV	B. Spencer	3/25/20	1325	200221A	09/2021	4.00	21.19	4.06	137.9	P F	L F
CCV										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						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:

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	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ECOLI-18QT						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	3
	W-ICP W-ICPMS			Lot# NA9189080 EXP 7-8-2020			
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			Lot# 3A9203100 EXP 7-22-2020			
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F						

Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 6
	W-SO4-IC W-TDS W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab Ø
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 6
	ECOLI-18QT					
Group: B	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 6
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			Lot# SA9203100 EXP: 7-22-2020		
Group: B	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 6
	W-PO4-F					
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:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab 1
	W-E8321-DI W-E8321-MS					
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab 1
	W-ICP W-ICPMS			Lot# NA9189080 Exp 7.8.20		
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 1
	W-NH3					

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

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

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

W-PO4-F

Cooler Packing Worksheet for Request: RQ-2020-03-23-21
Little River
Ship Cooler On: 3/19/2020
Customer/Project: WAS-SECT/SMP

Assigned To: KLUG_K
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, E. coli, Metals, Tracers x 2
Group A: Little River At Highbridge Road, Willachoochee Creek At 161, DUP

Group B: Nutrients, E. coli x 6

Group C: Nutrients, Metals, Tracers
Field Blank

Packing Notes:
No Fedex Labels
No Trash Bags
No Bubblewrap

Requested Analyses:

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

Container ID: P-1L **Qty: 3** **Preservation: ICE** **Lot #** 00675981

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 (not valid for NPDES monitoring)
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 #** 1268908

Description: Brown Plastic Bottle 1L

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

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Container ID: P-250ML-WO-THI **Qty: 3** **Preservation: ICE** **Lot #** L19267

Description: 250 ml Sterilized no tablet

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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Container ID: BG-500ML **Qty: 3** **Preservation: ICE** **Lot #** 00075651

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 #** 00076643

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: 3** **Preservation: ICE And H2SO4** **Lot #** 00076643

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 #** 00076883

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: 6

Container ID: P-1L **Qty: 6** **Preservation: ICE** **Lot #** 00075981

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 (not valid for NPDES monitoring)
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: 6** **Preservation: ICE** **Lot #** 1268908

Description: Brown Plastic Bottle 1L

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

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Container ID: P-250ML-WO-THI **Qty: 6** **Preservation: ICE** **Lot #** L19267

Description: 250 ml Sterilized no tablet

Analysis	Description
ECOLI-18QT	Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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Container ID: P-500ML **Qty: 6** **Preservation: ICE And H2SO4** **Lot #** 00076643

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: 6** **Preservation: FILTER-ICE** **Lot #** 00076883

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 #** 00076670

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 (not valid for NPDES monitoring)
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: BG-500ML **Qty: 1** **Preservation: ICE** **Lot #** 00075651

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 #** 00076643

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 #** 60076643

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 #** 60076883

Description: Plastic Bottle 125 mL

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

Cooler Packed By: KK Number of Coolers: 3 Date: 3·16·20

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ___ FedEx Bills, if applicable
- ___ Plastic Bags/Zip Ties
- ___ 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-2020-03-23-21