FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End of Day CCV
Yes / No

WIN Station Name: Minnow Creek At Lovewood Rd **Date:** 03/31/2020 (mm/dd/yyyy)

WIN/ Field ID: G3WA0008 **WBID:** 130 **Latitude:** 30.83682 (Decimal Degrees)

County: Jackson **ORG ID:** 21FLWQA **Longitude:** -85.52943 (Decimal Degrees)

Receiving Body of Water: Alligator Creek **RQ-2020-** 03-16-22

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Avril Wood-McGrath	X	X			
Evelyn Becerra		X	X	X	

Sampling Equipment

- [X] Sample Container
- [ ] Van Dorn
- [ ] Syringe
- [ ] Pole
- [ ] Dipper
- [ ] Other
- Depth Measured with: Meter Stick
- Equipment ID: Biology #2

Collection Method

- [X] Wading
- [ ] From Shore
- [ ] Other
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] 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 ____ Low ____

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:
Group A

Duplicate Sample

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

WIN DMT Activity ID: ____

Blank

Time Zone: EST CEN **Time:** ____ **Field ID:** ____ (Blank Type_DDMMYYYY)

DI Source: ____ **Location:** ____

- [ ] Field Blank
- [ ] Equipment Blank
- [ ] Field Cleaned Equioment Blank

Equipment ID: ____

LIMS EVENT ID: WAS-SECT-2020-03-31-01 **WIN Import ID:** ____

Enter Field Parameters, Verify Station ID In LIMS DMT: ~~BBS~~ 9/25/20 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** ____ (Initials/Date)

Scan/Save Field Sheets SBS 10/5/2020 (Initials/Date) **Migrate Data to WIN:** ____ (Initials/Date) **Verify Data In WIN:** ____ (Initials/Date)

RQ-2020- 03-16-22
Customer: WAS-SECT
Project ID: NWQI

Collected By: Avril Wood-McGrath, Evelyn Becerra
Field Report Prepared By: Evelyn Becerra
Sampling Agency: FDEP

Location: Minnow Creek At Lovewood Rd

WIN ID/Field ID: G3WA0008

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)
3/31/20	9:49 EST / CST	4.68	52.8	21.47	5.83	0.05	☒ VOB (S)	0.1	59	0.03
	Central 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 ☒ H_2SO_4*	☒ <2	1	A
	Lot # 9189080 **Exp:**	7/8/20			
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☒ W-HARD	☒ Ice ☒ HNO_3*	☒ <2	1	A
	Lot # 9203100 **Exp:**	7/22/20			
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	A
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	A
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		1	A
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:
Evelyn Becerra	Evelyn B	3/31/2020

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

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: Biology #2 RQ- 2020-03-16-22 Project: AWW SWMP WQ

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.	Ann Woodworth	3/31/20	7:29	20.40		9.021	9.02	100.2			P / F	L / F
ICV	↓	3/31/20	7:30	20.40		9.021	9.02	100.2			P / F	L / F
CCV		3/31/20	15:46	20.3		9.039	8.76	96.9			P / F	L / F
CCV		3/31/20	16:04	21.2		9.056	8.91	97.4			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.	Ann Woodworth	3/31/20	7:41	191120D	12/20	1000	1000	P / F	L / F
ICV	↓	↓	7:49	2908C81	08/21	100	100	P / F	L / F
CCV			15:58	91120D	12/20	1000	963	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.	Ann Woodworth	~~3/31/20~~ 4/1/20	7:53	190618B	12/20	7.02	20.71	7.00		P / F	L / F
Calibr.	↓	↓	7:55	2002tA	9/21	4.00	20.9	3.95		P / F	L / F
Calibr.			7:57	191120C	6/21	10.05	20.87	10.05		P / F	L / F
ICV			~~15:50~~	191120C	6/21	10.05	20.85	10.05		P / F	L / F
CCV			15:50	2002tA	9/21	4.00	20.54	4.20		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:

Request Number: RQ-2020-03-16-22

NWQI - Alligator Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: NWQI

Requester: Curtis Musson

Collected By: Avril Wood-McGrath, Evelyn Becerra

Field Report Prepared By: Evelyn Becerra

Sampling Agency: FDEP

Location: Minnow Creek At Lovewood Rd

WIN ID/Field ID: G3WA0008

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date EB 03/31/2020 Time 0949 | Eastern / Central | Composite end Date – Time – | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 52.8 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) –

Temp (C) 21.47 | pH 5.83 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 59

Salinity (ppt) 0.03 | Comments

Location: Alligator Creek Upstream Of Sr 273

WIN ID/Field ID: G3WA0005

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03/31/2020 Time 1030 | Eastern / Central | Composite end Date – Time – | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 64.1 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) –

Temp (C) 21.70 | pH 5.75 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 65

Salinity (ppt) 0.03 | Comments

Location: Alligator Creek Upstream Of Bentley Rd.

WIN ID/Field ID: G3WA0004

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 03/31/2020 Time 1101 | Eastern / Central | Composite end Date – Time – | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 63.3 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) –

Temp (C) 21.03 | pH 5.64 | Sample Depth 0.05 ☐ ft ☒ m | Sp. Conductance (umho/cm) 70

Salinity (ppt) 0.03 | Comments

Location: Little Alligator Creek At SR 273

WIN ID/Field ID: G3WA0006

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/31/2020 Time 11:45 | Eastern / Central | Composite end Date – Time – | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 61.2 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) –

Temp (C) 22.06 | pH 6.15 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 72

Salinity (ppt) 0.03 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Evelyn Becerra	3/31/2020 2:14	Hand Delivery	2	KK	3.31.20 / 15:19

Request Number: RQ-2020-03-16-22

NWQI - Alligator Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: NWQI

Requester: Curtis Musson

Collected By: Avril Wood-McGrath, Evelyn Becerra

Field Report Prepared By: Evelyn Becerra

Sampling Agency: FDEP

Location: Scurlock Creek At Pilgrim Rd

WIN ID/Field ID: G3WA0009

Location | Field ID | WIN/STORET | Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/31/2020 Time 1207 Eastern Central | Composite end Date – Time – | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 19.5 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): –

Temp (C): 21.00 | pH: 6.61 | Sample Depth: 0.15 ☐ ft ☐ m | Sp. Conductance (umho/cm): 187

Salinity (ppt): 0.09 | Comments:

Location: Pine Barn Creek At Woodrest Rd

WIN ID/Field ID: G3WA0011

Location | Field ID | WIN/STORET | Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) 1226 Date 3/31/2020 Time ~~1253~~ EB Eastern Central | Composite end Date – Time – | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: EB ~~53~~ 4.4 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): –

Temp (C): 21.61 ~~23.16~~ EB | pH: 5.82 ~~5.96~~ EB | Sample Depth: 0.15 ☐ ft ☒ m | Sp. Conductance (umho/cm): EB ~~50~~ 70

Salinity (ppt): 0.03 | Comments:

Location: Unnamed Creek At Woodrest Rd

WIN ID/Field ID: G3WA0010

Location | Field ID | WIN/STORET # | Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/31/2020 Time 1253 Eastern Central | Composite end Date – Time – | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 53 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): –

Temp (C): 23.16 | pH: 5.96 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 58

Salinity (ppt): 0.03 | Comments:

Location: Unnamed Creek At Palmview Rd

WIN ID/Field ID: G3WA0013

Location | Field ID | WIN/STORET # | Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date EB ~~3/15~~ 3/31/2020 Time 1215 Eastern Central | Composite end Date – Time – | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen: 33 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): –

Temp (C): 22.87 | pH: 5.60 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 59

Salinity (ppt): 0.03 | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Evelyn Becerra	3/31/2020 2:14	Hand delivery	2	KK	3.31.20 / 15:19

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-HARD W-ICP W-ICPMS			HNO3 LOT# NA9189080 F-EXP: 07/08/20			
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			H2S04 LOT# SA9203100 EXP: 07/22/2020			
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	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						

Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 6
	W-F 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 0
	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:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab 6
	W-E8321-DI W-E8321-MS					
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			H2S04 LOT# SA92031<u>0</u><u>0</u> EXP: 07/22/2020		
Group: B	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 0
	W-PO4-F					

Cooler Packing Worksheet for Request: RQ-2020-03-16-22
NWQI - Alligator Creek
Ship Cooler On: 3/13/2020
Customer/Project: WAS-SECT NWQI

Assigned To: SHAW, A
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:
Group A: Nutrients, Metals, E. coli, Tracers x 2
Group A: Minnow Creek & Alligator Creek Upstream Of SR 373

Group B: Nutrients, E. coli, Tracers x 6

Packing Notes:
No FedEx labels
No Trash Bags
No Bubble-wrap

1 - case of sulfuric acid/1 set of labels
1 - case of nitric acid/1 set of labels

Requested Analyses:

Bottle Group: A **# of Sites: 2**

Container ID: P-1L **Qty: 2** **Preservation: ICE** **Lot #** [illegible]

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: 2** **Preservation: ICE** **Lot #** 1254820

Description: Brown Plastic Bottle 1L

Analysis	Description

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

Container ID: P-250ML-WO-THI **Qty: 2** **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

Container ID: BG-500ML **Qty: 2** **Preservation: ICE** **Lot #** 0076041

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: 2** **Preservation: HNO3** **Lot #** 0076643

Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

Analysis	Description
W-HARD	Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
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: 2** **Preservation: ICE And H2SO4** **Lot #** 0076643

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: 2** **Preservation: FILTER-ICE** **Lot #** 0076001

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 #** 207598

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 #** 12 59800

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 #** L 19267

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: 6** **Preservation: ICE** **Lot #** 207695

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: 6** **Preservation: ICE And H2SO4** **Lot #** 207643

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 # [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: _____ Number of Coolers: _____ Date: _____

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 H2SO4 1-1	Exp 12-20-20	Lot # SA9354680
ID HNO3 1-1	Exp 12-20-20	Lot # NA9354668
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2020-03-16-22