FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / No

WIN Station Name: Alligator Creek upstream of Bentley Rd. **Date:** 3/27/19 (mm/dd/yyyy)

WIN/ Field ID: G3WA0004 **WBID:** 123 **Latitude:** 30.8735 (Decimal Degrees)

County: Jackson **ORG ID:** 21FLWQA **Longitude:** -85.4723 (Decimal Degrees)

Receiving Body of Water: Holmes Creek **RQ-** 2019-03-25-19

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Blake Spencer		X		X	X
Avril Wood-McGrath	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#** Eidon 2 **Matrix:** Fresh / Marine / DI

Photos: Yes / No **Flow:** No Flow / Intestital / Flowing / NA **Tide:** Rising/ Falling/ Slack/ NA **Tide Times:** High — Low —

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	12:10	0.3	0.1	VOB	9.32	96.0	6.23	0.04	76	16.68
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#: 2073203

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	SA6274050	10/1/19	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] 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	[x] E Coli [ ] F Coli [ ] Enterococci	[x] Ice			
Molecular	[ ] PCR-FILTER [x] PCR-BacR [ ] PCR-GULL2 [x] PCR-HF183 [ ] PCR-DG3 [ ] PCR-GFD	[x] Ice			
Tracers	[x] W-E8321-DI [x] W-E8321-MS	[x] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-CT-CL-R [ ] W-E8321-DI [ ] W-PCL-SQ-R [ ] WE8321-MS [ ] W-CARB-AA	[ ] Ice			
Phytoplankton	[ ] DTY-QN-C [ ] PKD-QN-C	[ ] Ice			

Notes:
Group C: Nutrients, PCR(HF183,BacR),Tracers, E.coli

WIN ID / FILED ID → G3WA0004

Location: Alligator Creek upstream of Bentley Rd.

Signature: **Date:** 3/27/19

LIMS EVENT ID: WAS-SECT-2019-03-27-01 **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: 4/10/19 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** AWM 4/11/19 (Initials/Date)

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

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- 2019-03-25-19 Project: [redacted] WQT

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.	Blake Spencer	3/27/19	0732	19.91	760	9.111	9.11	100	53.3	—	(P) / F	(L) / F
ICV	"	3/27/19	0735	19.89	760	9.111	9.11	99.9	53.3	—	(P) / F	(L) / F
CCV	Blake Spencer	3/27/19	1646	21.90	760	8.761	8.71	99.4	46.1	—	(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.	Blake Spencer	3/27/19	0741	180221A	03/2019	500	500	(P) / F	(L) / F
ICV	"	3/27/19	0743	180221A	03/2019	500	501	(P) / F	(L) / F
CCV	Blake Spencer	3/27/19	1648	1805F81	05/2020	100	104	(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.	Blake Spencer	3/27/19	0747	180403C	10/2019	7.02	20.48	7.02	-18.2	(P) / F	(L) / F
Calibr.	"	"	0750	180621D	07/2019	4.00	20.44	4.00	155.7	(P) / F	(L) / F
Calibr.	"	"	0755	180621F	01/2020	10.05	20.48	10.03	-187.4	(P) / F	(L) / F
ICV	"	"	0757	180621F	01/2020	10.05	20.47	10.03	-187.2	(P) / F	(L) / F
CCV	Blake Spencer	3/27/19	1654	180621D	07/2019	4.00	20.01	3.99	155.5	(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	B. Spencer	3/27/19	0756	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:

Request Number: RQ-2019-03-25-19

NWQI - Alligator Creek

Customer: WAS-SECT

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Requester: Curtis Musson

Collected By: Blake Spencer Avril Wood-McGrath

Field Report Prepared By: Avril Wood-McGrath

Sampling Agency: FDEP

last revised Jan 25, 2017

Location: Little Alligator Creek at SR 273 — WIN ID / FILED ID → G3WA0006 — Field ID: C

WIN/STORET # Location

Latitude 30.88873 ☒ dd ☐ dms | Longitude -85.46802 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/27/19 Time 11:15 (Eastern / Central) | Composite end Date — Time —

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

Temp (C) 16.10 | pH 6.79 | Diss. Oxygen 91.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Sample Depth 0.2 ☐ ft ☒ m | Salinity (ppt) 0.04 | Sp. Conductance (umho/cm) 87

Comments:

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

~~**Location:** Scurlock Creek at [illegible] Rd — WIN ID / FILED ID → G3WA0009 — Field ID: C~~

~~WIN/STORET # Location~~

~~Latitude 30.86545 ☒ dd ☐ dms | Longitude -85.44443 ☒ dd ☐ dms~~

~~☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/27/19 Time — (Eastern / Central) | Composite end Date — Time —~~

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

~~Temp (C) — | pH — | Diss. Oxygen — ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —~~

~~Sample Depth — ☐ ft ☒ m | Salinity (ppt) — | Sp. Conductance (umho/cm) —~~

~~Comments:~~ Crossed out because Scurlock not sampled

~~Bottle Group(s) C~~

Location: Minnow Creek At Lovewood Rd — WIN ID / FILED ID → G3WA0008 — Field ID: A

WIN/STORET Location

Latitude 30.83682 ☒ dd ☐ dms | Longitude -85.52943 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/27/19 Time 10:15 (Eastern / Central) | Composite end Date — Time —

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

Temp (C) 15.33 | pH 6.10 | Diss. Oxygen 78.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Sample Depth 0.1 ☐ ft ☒ m | Salinity (ppt) 0.02 | Sp. Conductance (umho/cm) 47

Comments:

Bottle Group(s): A

Location: Alligator Creek Upstream of SR 273 — WIN ID / FILED ID → G3WA0005 — Field ID: B

WIN/STORET # Location

Latitude 30.919 ☒ dd ☐ dms | Longitude -85.5042 ☒ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 3/27/19 Time 12:50 (Eastern / Central) | Composite end Date — Time —

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

Temp (C) 16.77 | pH 6.12 | Diss. Oxygen 88.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L) —

Sample Depth 0.2 ☐ ft ☒ m | Salinity (ppt) 0.02 | Sp. Conductance (umho/cm) 50

Comments:

Bottle Group(s): B

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	3/27/19 1638	Hand Delivered	3	Tyler R.	03/27/19 @ 4:38 pm

Request Number: RQ-2019-03-25-19

NWQI - Alligator Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Collected By: Blake Spencer & Avril Wood-McGrath

Sampling Agency: FDEP

Location

WIN ID / FILED ID → G3WA0013

Field ID

WIN/STORET Location: Unnamed Creek at Palmview Rd

Latitude: 30.812154 ☒dd ☐dms

Longitude: -85.454192 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 3/27/19 Time: 14:25 (Eastern / Central)

Composite end Date: — Time: —

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

Diss. Oxygen: 124.3 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 22.62

pH: 6.10

Sample Depth: 0.1 ☐ ft ☒ m

Sp. Conductance (umho/cm): 42

Salinity (ppt): 0.02

Comments:

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

~~**Location**~~

~~WIN ID / FILED ID → G3WA0011~~

~~Field ID~~

~~WIN/STORET # Location: Pine Barn Creek at Woodrest Rd~~

~~Latitude: 30.8358 ☒dd ☐dms~~

~~Longitude: -85.4488 ☒dd ☐dms~~

~~☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 3/27/19 Time: 12:10 (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: Crossed out because Pine Barn creek not sampled.~~

~~Bottle Group(s): C~~

Location

WIN ID / FILED ID → G3WA0004

Field ID

WIN/STORET Location: **Alligator Creek upstream of Bentley Rd.**

Latitude: 30.8735 ☒dd ☐dms

Longitude: -85.4723 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 3/27/19 Time: 12:10 (Eastern / Central)

Composite end Date: — Time: —

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

Diss. Oxygen: 96.0 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 16.80

pH: 6.23

Sample Depth: 0.1 ☐ ft ☒ m

Sp. Conductance (umho/cm): 76

Salinity (ppt): 0.04

Comments:

Bottle Group(s): C

Location

WIN ID / FILED ID → G3WA0010

Field ID

WIN/STORET # Location: Unnamed Creek at Woodrest Rd

Latitude: 30.80689954 ☒dd ☐dms

Longitude: -85.46034058 ☒dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date: 3/27/19 Time: 13:58 (Eastern / Central)

Composite end Date: — Time: —

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

Diss. Oxygen: 93.4 ☐ mg/L ☒ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 19.06

pH: 5.57

Sample Depth: 0.1 ☐ ft ☒ m

Sp. Conductance (umho/cm): 33

Salinity (ppt): 0.01

Comments:

Bottle Group(s): C

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	3/27/19 1638	Hand Delivered	3		03/27/19 @ 4:38

Group: A	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: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ECOLI-18QT						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	1
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-CT-CI-R W-PCL-SQ-R						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	1
	W-ICP W-ICPMS				LOT= NA 8344050 Exp: 12/10/19		
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				H2SO4 LOT# SA8274050 EXP: 10/01/2019		

Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: A	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	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	1
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
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 Lot #: NA 8344050 EXP: 12/10/19	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 H2SO4 LOT# SA8274050 EXP: 10/01/2019	Enter Number of Bottles Sent to Lab	1

Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	
	W-PO4-F					
Group: C	Bottle Type: P-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: C	Bottle Type: BP-1L	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	CHLSUITE-W					
Group: C	Bottle Type: P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	ECOLI-18QT					
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	PCR-BACR PCR-HF183					
Group: C	Bottle Type: BG-500ML	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-E8321-DI W-E8321-MS					
Group: C	Bottle Type: P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	4
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC			H2SO4 LOT# SA8274050 EXP: 10/01/2019		
Group: C	Bottle Type: P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	4
	W-PO4-F					

Cooler Packing Worksheet for Request: RQ-2019-03-25-19
NWQI - Alligator Creek
Ship Cooler On: 3/21/2019
Customer/Project: WAS-SECT/SMP

Assigned To: REYNOLDS_T
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Please return packing list with sample submittal forms.

Comments:
No preservatives needed.

Group A: Nutrients, Metals, PCR-FILTER, Pesticides, E. coli Minnow Creek @ Lovewood Rd.
WBID 130 Minnow Creek

Group B: Nutrients, Metals, PCR (HF183, BacR), Tracers, E. coli
WBID123. Alligator Creek at SR 273

Group C x 6
Nutrients, PCR (HF183, BacR), Tracers, E. coli
WBIDs 123x2, 195, 233A, 235, 262A

Packing Notes:
No FedEx labels
No Trash Bags

Requested Analyses:

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

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 00073319

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: P-500ML **Qty: 1** **Preservation: HNO3** **Lot #** 00073297

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 #** 00073297

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 #** 00072954

Description: Plastic Bottle 125 mL

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

Container ID: BG-1L **Qty: 4** **Preservation: ICE** **Lot #** 00073521

Description: Brown Glass Bottle 1L Affix BLUE dot to container.

Analysis	Description
W-PSNP-TQ	Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group: B # of Sites: 1

Container ID: P-1L **Qty: 1** **Preservation: ICE** **Lot #** 00073319

Description: Plastic Bottle 1L

Analysis	Description
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices

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 #** 66073297

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 #** 66072954

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: 6

Container ID: P-1L **Qty: 6** **Preservation: ICE** **Lot #** 66073319

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: 6** **Preservation: ICE** **Lot #** 1243571

Description: Brown Plastic Bottle 1L

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

Cooler Packed By: Tyler R. Number of Coolers: 4 Date: 03/20/19

Kit must also include:
- ✓ Field Sheets
- ✓ Temperature Control Bottle
- ✓ FedEx Bills, if applicable
- ✓ 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-2019-03-25-19