



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pine Barn Creek at Woodrest Rd.

Date: 05/01/2019

(mm/dd/yyyy)

WIN/ Field ID: G3WA0011

WBID: 235

Latitude: 30.8358

(Decimal Degrees)

County: Jackson

ORG ID: 21FLWQA

Longitude: -85.4488

(Decimal Degrees)

Receiving Body of Water: Alligator Creek

RQ- 2019-04-29-30

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Curtis Musson									☒ Sample Container	☐ Van Dorn	☐ Pole	
Blake Spencer									☐ Carboy	☒ Syringe		
									☐ Dipper	☐ Other		
									Depth Measured with <u>Meter Stick</u>			
									Equipment ID			
									Collection Method			
									☒ Wading	☐ Canoe/Kayak		
									☐ From Shore	☐ Electric Motor		
									☐ Other	☐ Gasoline Motor		
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded				Meter ID# Biology #2				Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u>				Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: Rising/ Falling/ Slack <u>NA</u>				
Tide Times: High <u>NA</u> Low <u>NA</u>												
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	<u>1146</u>	<u>0.4</u>	<u>0.2</u>	<u>VOB</u>	<u>2.65</u>	<u>30.0</u>	<u>5.36</u>	<u>0.02</u>	<u>49</u>	<u>21.55</u>		
CEN												
Biological Samples Collected: <u>None</u> 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	☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP				☒ Ice ☐ H ₂ SO ₄	<u>SAB344070</u>	<u>12/10/19</u>	☒ <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-CI-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS				☒ 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				☒ Ice							
	☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				☒ Ice							
Tracers	☒ W-E8321-DI ☒ W-E8321-MS				☒ Ice							
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI				☐ Ice							
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA				☐ Ice							
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice							
Notes: Nutrients E.Coli BacR, HF183 Tracers												
Signature: <u>[Signature]</u>				WIN ID / FILED ID → <u>G3WA0011</u> Location: <u>Pine Barn Creek at Woodrest Rd</u>								
Date: <u>5/1/19</u>												

Contains 1.1 H2SO4
Lot No SAB344070
Expires 12/10/19
See Safety Data Sheet (SDS)

Contains 1.1 H2SO4
Lot No SAB344070
Expires 12/10/19
See Safety Data Sheet (SDS)

LIMS EVENT ID: WAS-SECT-2019-05-01-02

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: 6/11/19

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: 6/14/19

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

Boldly "X" this box if there is qualified data on this name.

Meter ID: **B012**

RQ: **2019-04-29-30**

Project: **SMP/1/1/1**

- 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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	5/1/19	7:03	20.79	8.950	8.95	100.0	28.8	—	☒ F	☒ F
ICV	Curtis Musson	5/1/19	7:04	20.81	8.950	8.95	100.0	28.8	—	☒ F	☒ F
CCV	Blake Spencer	5/1/19	14:59	22.71	8.627	8.71	101.3	32.9	—	☒ F	☒ F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	5/1/19	7:06	180927D	10/20/19	500	500	☒ F	☒ F
ICV	Curtis Musson	5/1/19	7:09	180927D	10/20/19	500	500	☒ F	☒ F
CCV	Blake Spencer	5/1/19	15:02	2808884	07/20/20	100	103	☒ F	☒ F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	5/1/19	7:10	180403C	10/20/19	7.02	7.02	-16	☒ F	☒ F
Calibr.	Curtis Musson	5/1/19	7:16	180621D	07/20/19	4.00	4.00	158	☒ F	☒ F
Calibr.	Curtis Musson	5/1/19	7:20	180621F	01/20/20	10.05	10.00	-186	☒ F	☒ F
ICV	Curtis Musson	5/1/19	7:23	180621D	07/20/19	4.00	4.02	157	☒ F	☒ F
CCV	Blake Spencer	5/1/19	15:04	180621F	01/20/20	10.05	9.97	-182.0	☒ F	☒ F
CCV									P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Request Number: RQ-2019-04-29-30

NWCI - Alligator Creek

Customer: WAS-SECT

Project ID: SMP

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Requester: Curtis Musson

Collected By:

Field Report Prepared By:

Sampling Agency:

Location		WIN ID / FILED ID	Collection (comp begin or grab)	Eastern Central	Composite end	Bottle Group(s)
Field ID		WIN ID / FILED ID → G3WA0013	☒ Comp ☐ Grab Date 5/1/19 Time 1236			
WIN/STORET #	Location	Unnamed Creek at Palmview Rd	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 90.8	☐ mg/L Total Res. Chlorine ☐ % sal (mg/L)	Bottle Group(s) (See pg 2)
Latitude	dd	Longitude	Temp (C) 25.50	pH 5.25	Sample Depth 0.05	
Location	dd	Salinity (ppt)	0.02	Comments		
Field ID	WIN ID / FILED ID → G3WA0010		☒ Comp ☐ Grab Date 5/1/19 Time 1236			
WIN/STORET #	Location	Unnamed Creek at Woodcrest Rd	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 90.8	☐ mg/L Total Res. Chlorine ☐ % sal (mg/L)	Bottle Group(s)
Latitude	dd	Longitude	Temp (C) 24.09	pH 5.03	Sample Depth 0.3	
Location	dd	Salinity (ppt)	0.02	Comments		
Field ID	WIN ID / FILED ID → G3WA0005		☒ Comp ☐ Grab Date 5/1/19 Time 1002			
WIN/STORET #	Location	Alligator Creek Upstream of SR 273	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 77.7	☐ mg/L Total Res. Chlorine ☐ % sal (mg/L)	Bottle Group(s)
Latitude	dd	Longitude	Temp (C) 21.82	pH 5.86	Sample Depth 0.3	
Location	dd	Salinity (ppt)	0.02	Comments		
Field ID	WIN ID / FILED ID → G3WA0008		☒ Comp ☐ Grab Date 5/1/19 Time 0933			
WIN/STORET #	Location	Minnow Creek At Lovewood Rd	Matrix (type, e.g., Salt, Fresh, etc) Fresh	Diss. Oxygen 90.0	☐ mg/L Total Res. Chlorine ☐ % sal (mg/L)	Bottle Group(s)
Latitude	dd	Longitude	Temp (C) 21.86	pH 5.09	Sample Depth 0.05	
Location	dd	Salinity (ppt)	0.03	Comments		

Relinquished By: *[Signature]* Date/Time: 5/1/19 1433 Shipping Method: HD Number of Coolers Shipped: 4 Received By: KK Date/Time: 5.1.19 17:35

Request Number: RA-2019-04-29-30

NWCI - Alligator Creek

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By:

Blake Spencer, Curtis Musson

Field Report Prepared By:

Blake Spencer

Sampling Agency:

FAEP

Location	WIN ID / FILED ID	Location	WIN ID / FILED ID	Location	WIN ID / FILED ID	Location	WIN ID / FILED ID
Field ID	WIN ID / FILED ID	Field ID	WIN ID / FILED ID	Field ID	WIN ID / FILED ID	Field ID	WIN ID / FILED ID
WIN/STORET #	WIN/STORET #	WIN/STORET #	WIN/STORET #	WIN/STORET #	WIN/STORET #	WIN/STORET #	WIN/STORET #
Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude
Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude
Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)
pH	pH	pH	pH	pH	pH	pH	pH
Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)
Comments	Comments	Comments	Comments	Comments	Comments	Comments	Comments
Sample Depth	Sample Depth	Sample Depth	Sample Depth	Sample Depth	Sample Depth	Sample Depth	Sample Depth
Diss. Oxygen	Diss. Oxygen	Diss. Oxygen	Diss. Oxygen	Diss. Oxygen	Diss. Oxygen	Diss. Oxygen	Diss. Oxygen
Total Res. Chlorine	Total Res. Chlorine	Total Res. Chlorine	Total Res. Chlorine	Total Res. Chlorine	Total Res. Chlorine	Total Res. Chlorine	Total Res. Chlorine
Sp. Conductance	Sp. Conductance	Sp. Conductance	Sp. Conductance	Sp. Conductance	Sp. Conductance	Sp. Conductance	Sp. Conductance
Composite end	Composite end	Composite end	Composite end	Composite end	Composite end	Composite end	Composite end
Time	Time	Time	Time	Time	Time	Time	Time
Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern	Eastern
Central	Central	Central	Central	Central	Central	Central	Central
Date	Date	Date	Date	Date	Date	Date	Date
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat
umho/cm	umho/cm	umho/cm	umho/cm	umho/cm	umho/cm	umho/cm	umho/cm
Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)

Relinquished By: *Blake Spencer* Date/Time: *5/11/19 1433* Shipping Method: *HA* Number of Coolers Shipped: *4* Received By: *HK* Date/Time: *5-1-19 14:35*

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
	ECOL-18QT						
Group: A	Bottle Type:	OPCR-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						

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: CHLSUTE-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# N6324050 Exp: 12/10/2019	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

H2SO4
LOT# S86344870
Exp: 12/10/2019

Group: C	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	LOT

6

W-TSS

6

6

6

9

1

W-TOC

1

Cooler Packing Worksheet for Request: RQ-2019-04-29-30

NWQI - Alligator Creek

Ship Cooler On: 4/25/2019

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

Please return
packing list with
sample submittal
forms.

Comments:

Group A: Nutrients, Metals, PCR-FILTER, Pesticides, E. coli
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

1 - case of sulfuric acid/2 sets of labels

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00073854

Description: Plastic Bottle 1L

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

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1248230

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # GF21-TN

Description: 250 ml Sterilized no tablet

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 007070

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1 Preservation: CH₂ClCOOH Pre-Preserved

Lot # 00735B

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 00735B

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00735B

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00572877

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

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

Qty: 1 Preservation: ICE And H2SO4

Lot # 00572877

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

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

Qty: 1 Preservation: FILTER-ICE

Lot # 00573850

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00573858

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

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 # 00573854

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

Description

Alkalinity in aqueous matrices as mg CaCO3/L

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 # 1248230

Description: Brown Plastic Bottle 1L

Analysis
CHLSUITE-W

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

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # 6F-217N

Description: 250 ml Sterilized no tablet

Analysis
ECOLI-18QT

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

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 0070170

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis
PCR-BACR
PCR-HF183

Description
Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 007353

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis
W-E8321-DI
W-E8321-MS

Description
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 007287

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis
W-ICP

Description
Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00072877

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

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

Qty: 1 Preservation: FILTER-ICE

Lot # 00073850

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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 # 00073854

Description: Plastic Bottle 1L

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

Container ID: BP-1L

Qty: 6 Preservation: ICE

Lot # 1248230

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

120
Container ID: P-250ML-WO-THI

Qty: 6 Preservation: ICE

Lot # 65217N

Description: 250 ml Sterilized no tablet

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: QPCR-P-500ML

Qty: 6 Preservation: ICE

Lot # 0070171

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-BACR

PCR-HF183

Description

Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 6 Preservation: ICE

Lot # 007353

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 0072877

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

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

Qty: 6 Preservation: FILTER-ICE

Lot # 0073850

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: MSJ

Number of Coolers: 4

Date: 4-25-19

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 -	H2S04	Exp		Lot #	
ID -	LOT# SA9010030	Exp		Lot #	
ID -	EXP: 04/10/2020	Exp		Lot #	
ID		Exp		Lot #	
ID	MCA	Exp	1-1120	Lot #	8730

PLEASE RETURN ALL COOLERS FOR RQ-2019-04-29-30