



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Little Alligator Creek at SR 273

Date: 05/01/2019 ✓
(mm/dd/yyyy)

WIN/ Field ID: G3WA0006 ✓

WBID: 123

Latitude: 30.88873

County: ~~Washington~~ Jackson

ORG ID: 21FLWQA

(Decimal Degrees)

Longitude: -85.46802

(Decimal Degrees)

Receiving Body of Water: Alligator Creek

RQ- 2019-04-29-30

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Motor 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 (umhos/cm)	Temp. (C°)					
EST	1031 ✓		0.1 ✓		7.41 ✓	85.8 ✓	6.07	0.04 ✓	79 ✓	22.35 ✓					
CEN		0.2 ✓		VOB											

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 ☒ H2SO4	SAB344070	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <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								
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-CAR8-AA								
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice			

Notes: Nutrients E. Coli BacR, HF183 Tracers	WIN ID / FILED ID →	G3WA0006
	Location	Little Alligator Creek at SR 273
Signature: <u>[Signature]</u>	Date: <u>5/1/19</u>	

LIMS EVENT ID: <u>WAS-SFCT-05-01-02</u>	WIN Import ID: _____
Enter Field Parameters, Verify Station ID In LIMS DMT: <u>6/11/19</u>	QC Station ID, Field Parameters In LIMS DMT: <u>6/11/19</u>
Scan/Save Field Sheets _____	Verify Data In WIN: _____
(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: B02

RQ: 2019-04-29-30

Project: Sno/NWI

- 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	8.95	8.95	100.0	28.8	-	P/F	L/F
ICV	Curtis Musson	5/1/19	7:04	20.81	8.95	8.95	100.0	28.8	-	P/F	L/F
CCV	Blake Spencer	5/1/19	1459	22.71	6.627	6.71	101.3	32.9	-	P/F	L/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	P/F	L/F
ICV	Curtis Musson	5/1/19	7:09	180927D	10/20/19	500	500	P/F	L/F
CCV	Blake Spencer	5/1/19	1502	2808884	07/20/20	100	103	P/F	L/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	P/F	L/F
Calibr.	Curtis Musson	5/1/19	7:16	180621D	07/20/19	4.00	4.00	158	P/F	L/F
Calibr.	Curtis Musson	5/1/19	7:20	180621F	01/20/20	10.05	10.00	-186	P/F	L/F
ICV	Curtis Musson	5/1/19	7:23	180621D	07/20/19	4.00	4.02	157	P/F	L/F
CCV	Blake Spencer	5/1/19	1504	180621F	01/20/20	10.05	9.97	-182.0	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 $+180 \pm 50$;

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)

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:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		WIN ID / FILED ID		Collection (comp begin or grab)		Eastern Central		Composite end		Bottle Group(s)	
Field ID	Location	WIN ID / FILED ID	FILED ID	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	mg/L Total Res. Chlorine	% sat (mg/L)	Time	(See pg 2)	
WIN/STORET #	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
	Unnamed Creek at Palmview Rd	G3WAA0013		25.50	0.02	5.25	80.8	0.05	41	C	
Latitude	dd	Longitude	dms	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
Location	WIN ID / FILED ID	FILED ID	FILED ID	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	mg/L Total Res. Chlorine	% sat (mg/L)	Time	Bottle Group(s)	
Field ID	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
WIN/STORET #	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
	Unnamed Creek at Woodrest Rd	G3WAA0010		24.09	0.02	5.03	83.8	0.15	36	C	
Latitude	dd	Longitude	dms	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
Location	WIN ID / FILED ID	FILED ID	FILED ID	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	mg/L Total Res. Chlorine	% sat (mg/L)	Time	Bottle Group(s)	
Field ID	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
WIN/STORET #	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
	Alligator Creek Upstream of SR 273	G3WAA0005		21.82	0.02	5.86	77.7	0.3	50	B	
Latitude	dd	Longitude	dms	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
Location	WIN ID / FILED ID	FILED ID	FILED ID	Matrix (type, e.g., Salt, Fresh, etc)	Date	Time	mg/L Total Res. Chlorine	% sat (mg/L)	Time	Bottle Group(s)	
Field ID	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
WIN/STORET #	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		
	Mimow Creek At Lovewood Rd	G3WAA0008		21.28	0.03	6.09	80.0	0.05	37	A	
Latitude	dd	Longitude	dms	Temp (C)	Salinity (ppt)	pH	Diss. Oxygen	Sample Depth	Sp. Conductance (umho/cm)		

Relinquished By: *[Signature]* Date/Time: 5/11/19 1433 Shipping Method: HD Number of Coolers Shipped: 4 Received By: KK Date/Time: 5.1.19 / 19:35

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: WAS-SECT
Project ID: SMP

Requester: **Curtis Musson**

Collected By: Blake Spencer

Field Report Prepared By:

Sampling Agency:

Blake Spencer
EVNP

Location		WIN ID / FILED ID	Collection (comp begin or grab)	Composite end	Bottle Group(s)
Field ID	WIN ID / FILED ID	G3WA0011	Grab Date 5/11/19 Time 1146	mg/L Total Res. Chlorine	
WIN/STORET #	Location	Pine Barn Creek at Woodrest Rd	Temp (C) 21.55 pH 5.36	Diss. Oxygen 30.0	
Latitude	Longitude		Salinity (ppt) 0.02	Sample Depth 0.2	
Location	WIN ID / FILED ID	G3WA0009	Comp Collection (comp begin or grab) Date 5/11/19 Time 1123	mg/L Total Res. Chlorine	
Field ID	WIN ID / FILED ID	G3WA0009	Grab Date 5/11/19 Time 1123	mg/L Total Res. Chlorine	
WIN/STORET #	Location	Scurlock Creek at Pilgrim Rd	Temp (C) 20.11 pH 5.76	Diss. Oxygen 21.7	
Latitude	Longitude		Salinity (ppt) 0.07	Sample Depth 0.15	
Location	WIN ID / FILED ID	G3WA0004	Comp Collection (comp begin or grab) Date 5/11/19 Time 1052	mg/L Total Res. Chlorine	
Field ID	WIN ID / FILED ID	G3WA0004	Grab Date 5/11/19 Time 1052	mg/L Total Res. Chlorine	
WIN/STORET #	Location	Alligator Creek upstream of Bentley Rd.	Temp (C) 22.11 pH 5.47	Diss. Oxygen 41.6	
Latitude	Longitude		Salinity (ppt) 0.04	Sample Depth 0.2	
Location	WIN ID / FILED ID	G3WA0006	Comp Collection (comp begin or grab) Date 5/11/19 Time 1031	mg/L Total Res. Chlorine	
Field ID	WIN ID / FILED ID	G3WA0006	Grab Date 5/11/19 Time 1031	mg/L Total Res. Chlorine	
WIN/STORET #	Location	Little Alligator Creek at SR 273	Temp (C) 22.35 pH 6.07	Diss. Oxygen 45.8	
Latitude	Longitude		Salinity (ppt) 0.04	Sample Depth 0.1	

Relinquished By:		Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[Signature]		5/11/19 1433	HL	4	KK	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
	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-Cl-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:	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# S98344078
EXP: 12/10/2019

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# N8344650 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# S8344670
EXP: 12/10/2019

Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: CHLSUTE-W	BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: ECOLL-18QT	P-250ML-WO-THI	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4 H2SO4 LOT# S98344079 EXP: 12/10/2019	Enter Number of Bottles Sent to Lab	6
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	6

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 # 124830

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 # 007353

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 # 007353

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 # 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 # 05572877

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 # 05572877

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 # 05573850

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 # 05573858

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 # 05573854

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

<u>Analysis</u> CHLSUITE-W	<u>Description</u> Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
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Container ID: P-250ML-WO-THI Qty: 1 Preservation: ICE Lot # 65217N
Description: 250 ml Sterilized no tablet

<u>Analysis</u> ECOLI-18QT	<u>Description</u> Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems
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Container ID: QPCR-P-500ML Qty: 1 Preservation: ICE Lot # 007070
Description: 500ml Sterile Nalgene Affix PCR Instruction Label to container

<u>Analysis</u> PCR-BACR PCR-HF183	<u>Description</u> 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.

<u>Analysis</u> W-E8321-DI W-E8321-MS	<u>Description</u> Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
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Container ID: P-500ML Qty: 1 Preservation: HNO3 Lot # 007287
Description: Plastic Bottle 500 mL Affix RED nitric acid dot to container.

<u>Analysis</u> W-ICP	<u>Description</u> Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
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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 # 6F217N

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 # 70171

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 # 7353

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 # 72877

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 # 73850

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 -		Exp		Lot #	
ID -	H2SO4	Exp		Lot #	
ID -	LOT# SA9010030	Exp		Lot #	
ID -	EXP: 04/10/2020	Exp		Lot #	
ID		Exp		Lot #	
ID	<u>MCA</u>	Exp	<u>1-1120</u>	Lot #	<u>8730</u>

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