



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Minnow Creek at Lovewood Rd.

Date: 05/01/2019
(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- 2019-04-29-30

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Water Grip</u>		
Equipment ID		

Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low Normal High / Flooded
Photos: Yes / No Flow: No Flow / Intestinal / Flowing / NA
Meter ID# Biology #2 Matrix: Fresh / Marine / DI
Tide: Rising/ Falling/ Slack/ NA Tide Times: High NA Low NA

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	1933		0.075	VOB	7.09	90.0	6.09	0.03	57	21.28
CEN		0.15								

Biological Samples Collected: None 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	SA8344070	12/10/19	<2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA8344050	12/10/19	<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-CHC / 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 ☐ 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 ☒ W-PCL-SQ-R ☒ WE8321-MS ☒ W-CARB-AA	☒ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: Nutrients, Metals, E.Coli, PCR-Filter, Pesticides

Signature: _____ Date: 5/1/19

WIN ID / FILED ID: G3WA0008

Location: Minnow Creek At Lovewood Rd

LIMS EVENT ID: WPS-SFCT-2019-05-01-02

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: 6/1/19

QC Station ID, Field Parameters in LIMS DMT: 6/1/19

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 page.

Meter ID: **B002**

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

Project: **Spr/NWRI**

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	1459	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 hos/cm	Meter Reading μ hos/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	1502	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	1504	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 ± 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

Project ID: SMP

Collected By:

Field Report Prepared By:

Sampling Agency:

Location		WIN ID / FILED ID		Collection (comp begin or grab)		Eastern Composite end		Bottle Group(s)	
Field ID	Location	WIN ID / FILED ID	FILED ID	Grab	Date	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	(See pg 2)
WIN/STORET #	Location	WIN ID / FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	Unnamed Creek at Palmview Rd	G3WAO013		25.50	0.02	5.25	0.05	41	C
Latitude	dd	Longitude	dms	Comp	Collection (comp begin or grab)	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
				Grab	Date	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
Location	WIN ID / FILED ID	FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	Unnamed Creek at Woodcrest Rd	G3WAO010		24.09	0.02	5.03	0.15	36	C
Latitude	dd	Longitude	dms	Comp	Collection (comp begin or grab)	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
				Grab	Date	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
Location	WIN ID / FILED ID	FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	Alligator Creek Upstream of SR 273	G3WAO005		21.82	0.02	5.86	0.3	50	B
Latitude	dd	Longitude	dms	Comp	Collection (comp begin or grab)	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
				Grab	Date	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
Location	WIN ID / FILED ID	FILED ID	FILED ID	Temp (C)	Salinity (ppt)	pH	Sample Depth	Sp. Conductance (umho/cm)	
	Minnow Creek At Lovewood Rd	G3WAO008		21.28	0.03	6.09	0.05	52	A
Latitude	dd	Longitude	dms	Comp	Collection (comp begin or grab)	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	
				Grab	Date	Time	mg/L Total Res. Chlorine	mg/L Total Res. Chlorine	

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 / 14:35

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Blake Spencer, Curtis Musson

Sampling Agency: ENRP

Location	WIN ID / FILED ID →	G3WA0011	Location	WIN ID / FILED ID →	G3WA0009	Location	WIN ID / FILED ID →	G3WA0006
Field ID	WIN ID / FILED ID	G3WA0011	Field ID	WIN ID / FILED ID	G3WA0009	Field ID	WIN ID / FILED ID	G3WA0006
WIN/STORET #	Location	Pine Barn Creek at Woodrest Rd	WIN/STORET #	Location	3curock Creek at Pilgrim Rd	WIN/STORET #	Location	Alligator Creek upstream of Bentley Rd.
Latitude	dd dms		Latitude	dd dms		Latitude	dd dms	
Longitude	dd dms		Longitude	dd dms		Longitude	dd dms	
Temp (C)	21.55	Fresh	Temp (C)	20.11	Fresh	Temp (C)	22.11	Fresh
pH	5.36		pH	5.76		pH	5.87	
Salinity (ppt)	0.02		Salinity (ppt)	0.07		Salinity (ppt)	0.04	
Comp	☒	Collection (comp begin or grab)	Comp	☒	Collection (comp begin or grab)	Comp	☒	Collection (comp begin or grab)
Grab	☒	Date 5/11/19	Grab	☒	Date 5/11/19	Grab	☒	Date 5/11/19
Matrix (type, e.g., Salt, Fresh, etc)	Fresh		Matrix (type, e.g., Salt, Fresh, etc)	Fresh		Matrix (type, e.g., Salt, Fresh, etc)	Fresh	
Diss. Oxygen	30.0		Diss. Oxygen	21.7		Diss. Oxygen	21.6	
% sat (mg/L)	100		% sat (mg/L)	100		% sat (mg/L)	100	
Sample Depth	0.2		Sample Depth	0.15		Sample Depth	0.2	
ft	4		ft	4		ft	4	
Sp. Conductance (umho/cm)	44		Sp. Conductance (umho/cm)	148		Sp. Conductance (umho/cm)	81	
Total Res. Chlorine (mg/L)			Total Res. Chlorine (mg/L)			Total Res. Chlorine (mg/L)		
Time	1146		Time	1123		Time	1052	
Composite end	Eastern		Composite end	Eastern		Composite end	Eastern	
Central			Central			Central		
Date	5/11/19		Date	5/11/19		Date	5/11/19	
Time	1146		Time	1123		Time	1052	
Bottle Group(s)	C		Bottle Group(s)	C		Bottle Group(s)	C	

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

5/11/19 1433

HA

4

HK

5.1.19 14:35

Group:	A	Bottle Type:	P-1L	# of Bottles:	1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
		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
		CHLSUITE-W						
Group: A		Bottle Type:	P-250ML-WO-THI	# of Bottles:	1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
		ECOL-18QT						
Group: A		Bottle Type:	QPCR-P-500ML	# of Bottles:	1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
		PCR-FILTER						
Group: A		Bottle Type:	BG-500ML	# of Bottles:	1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
		W-CARB-AA						
Group: A		Bottle Type:	BG-500ML	# of Bottles:	4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
		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
		W-E8321-DI						
		W-E8321-MS						
Group: A		Bottle Type:	P-500ML	# of Bottles:	1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
		W-ICP						
		W-ICPMS						
Group: A		Bottle Type:	P-500ML	# of Bottles:	1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
		W-NH3						
		W-NO2NO3						
		W-S-A-TP						
		W-TKN						
		W-TOC						

Group: A	Bottle Type: W-P04-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: ECOI-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# N6834058 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# S98344076
EXP: 12/10/2019

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 6

CHLSUITE-W

Group: C Bottle Type: P-250ML.-WO-THI # of Bottles: 6 Preservative: ICE

ECOLI-18QT Enter Number of Bottles Sent to Lab 6

Bottle Type:
PCR-BACR
PCR-HF183

Group: C Bottle Type: BG-500ML # of Bottles: 6 Preservative: ICE Enter Number of Bottles Sent to Lab 6

W-E8321-D1

W-E8321-MS

Group: C	Bottle Type: P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3			5

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

H2504
LOT# S98344070
EXP: 12/10/2019

Group: C Bottle Type: P-125ML # of Bottles: 6 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab _____

W-PO4-F

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 # 6F21-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 # 5070170

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 # 507353

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 # 507353

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 # 507353

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 # 5572877

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 # 5572877

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 # 5573850

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 # 5573858

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 # 5573854

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 # 652170

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-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 # 0072877

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 # 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 # 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: MBJ

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