



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

PH

WIN Station Name: Little Alligator Creek at SR 273

Date: 05/02/2018

WIN ID/ Field ID: G3WA0006

WBID: 123

Latitude: 30.88873

(mm/dd/yyyy)

County: Jackson

ORG ID: 21FLWQA

Longitude: -85.46802

(Decimal Degrees)

Receiving Body of Water: Alligator Creek

RQ - 2018-04-30-30

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Curtis Musson Ben Kelys			X		X	X		
Jason Stores		X		X				

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☒ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with: <u>Seach1</u>	
Equipment ID	

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

Water Level: Dry/ Pooled/ Low/ Normal/ High/ Flooded

Meter ID# BIO #2

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High NA Low NA

Field Sample

(Bracket Sample Time)

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	1030	2.3	0.15	0.3	7.29	80.2	6.71	0.04	83	20.06
CEN	—	—	—	VOB	—	—	—	—	—	—

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	SA 7233030	08/21/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	10827054		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / 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-HF183 ☒ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☒ Ice			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☒ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☒ W-E3821-DI ☐ W-CARB-AA	☒ Ice ☐ Other			

Contains 1:1 Sulfuric Acid
Lot No.: SA7233030
Expires: 08/21/18
See Safety Data Sheet (SDS)

Place Pres

Contains 1:1 Sulfuric Acid
THERMO FISHER SCIENTIFIC
300 NORTH MAIN STREET
ANN ARBOR MI 48106-0602
1-800-658-2711
DANGER
SULFURIC ACID -51%
7446-09-9
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes. Causes severe damage to aquatic life. Do not release into the environment. Wear protective gloves and eye protection. Wash thoroughly after use. Do not get on clothing before use. If SWALLOWED, Rinse mouth. Do not induce vomiting. If INHALED, Remove person to fresh air and keep at rest in a position that facilitates breathing. If ON SKIN, Remove contaminated clothing and shoes. Wash skin with plenty of water for several minutes. If ON EYES, Remove contact lenses if present and continue to rinse. Rinse cautiously with water for several minutes. Continue rinsing. Store locked up. Store in corrosive acids. Containment area is required prior use.

QA/QC Sample Information

Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>930</u>		Field ID: _____	
(WIN ID + DUP)					
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			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice		Place Preservative Sticker(s) Here (If Available)	
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-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice ☐ Other			

Blank

Time Zone: <u>EST</u> CEN		Time: <u>945</u>		Field ID: <u>BLANK 05022018</u>	
DI Source: <u>Lab</u>		(Blank_DDMMYYYY)			
Location: <u>Alligator Creek upstream of SR 273</u>					
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
WIN DMT Blank Batch ID:					
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	SA 7233030	08/21/2018	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	NA 734010	12/07/2018	☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	10827054		
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-F / W-TSS / TURBIDITY	☐ Ice			
Tracers	☒ W-E3821-MS ☒ W-E3821-DI	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			

Notes: Kit-A, Bact, Tracers, PCR-HF183, BacR, Pictures

Little Alligator Creek at SR 273

WIN ID / Field ID



G3WA0006

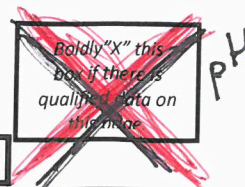
Signature: [Signature]

Date: 5/2/18

Enter Field Parameters, Verify Station ID In LIMS DMT: 5/9/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: Cm 5-9-18 (Initials/Date)

Scan/Save Field Sheets Cm 5-9-18 (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)



Meter ID: Biology #2 RQ: 2018-04-30-30 Project: MMQT

- 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.	Ben Ralys	5/2/18	7:09	21.98	8.76	8.75	100.1	49.2	-	P/F	L/F
ICV	Ben Ralys	5/2/18	7:11	21.99	8.76	8.76	100.1	49.2		P/F	L/F
CCV	Jason Skerris	5/2/18	1535	22.41	8.677	8.92	102.7	50.2	-	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; 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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	5/2/18	7:14	171005D	10/2018	1,000	1,000	P/F	L/F
ICV	Ben Ralys	5/2/18	7:15	171005D	10/2018	1,000	1,001	P/F	L/F
CCV	Jason Skerris	5/2/18	1515	180326A	04/2019	100	101	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.	Ben Ralys	5/2/18	7:17	171005B	4/2019	7.0	6.99	-3.5	P/F	L/F
Calibr.	Ben Ralys	5/2/18	7:18	171005A	10/2018	4.0	4.00	172.0	P/F	L/F
Calibr.	Ben Ralys	5/2/18	7:20	171005C	4/2019	10.0	9.96	-167.0	P/F	L/F
ICV	Ben Ralys	5/2/18	7:22	171005C	4/2019	10.0	9.95	-166.7	P/F	L/F
CCV	Jason Skerris	5/2/18	1520	171005A	10/2018	4.0	3.30	211.1	P/F	L/F
CCV	Jason Skerris	5/2/18	1530	171005B	4/2019	7.0	6.27	41.1	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:

Customer: WAS-SECT

Project ID: SMP

Requester:

Collected By:

Curtis Musson

Jason Storr, Ben Rabys

Field Report Prepared By:

Sampling Agency:

Location

Field ID _____ WIN/STORE # _____

Alligator Creek

upstream of

SR 273

WIN ID / Field ID _____



G3WA0005

Latitude	30.819	Longitude	-85.5042
		☒ dd ☐ dms	

Field Blank

WIN/STORE # _____ Field ID ➔  Blank 05022018

Latitude	30.819	☒ dd ☐ dms	Longitude	-85.5042
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**Alligator Creek
upstream of
SR 273**

QC DUP **G3WA0005**

Latitude	30.819	☒ dd ☐ dms	Longitude	-85.5042
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Alligator Creek
upstream of
SR 273
 Field ID  **G3WA0005_DUP**
 QC DUP

attitude	30.819	☒ dd	Longitude
		☐ dms	

Relinquished By: 	Date/Time: , ,	Shipping Method:
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8/12/5

Shipping Method *Drop off*

Number of Coolers Shipped:

Received By:

Date/Time

Field ID	Alligator Creek		WIN ID / Field ID	Collection (comp begin or <u>grab</u>)		Composite end	Bottle Group(s)
	upstream of			Date <u>5/2/18</u>	Time	Date	(See pg 2)
WIN/STORET #	SR 273		G3WAE005	Matrix (type, e.g., Salt, <u>Fresh</u> , etc)			
Latitude	25° 21' N	dd	Longitude	81° 55' W	dd		
				Temp (C)	19.33	pH	
				Salinity			
				Comp			
				Grab			
				Diss. Oxygen		mg/L	
				Total Res. Chlorine		% sat	
				Sample Depth		ft	
				Sp. Conductance		umho/cm	
				Eastern Central			
				Date		Time	
				930			
				60.0			
				0.3			
				43			
				A, B, C			

[illegible]

WIN ID  QC DUP G3WAE0005	Latitude 30.819		Longitude -85.5042		Bottle Group(s) A,B	
	☒ dd ☐ dms	☒ dd ☐ dms				
Ligatior Creek Stream of R 273	☐ Comp ☒ Grab		Collection (comp begin or Grab) Date 5/2/18 Time 930		Composite end Date — Time —	
	Matrix (type, e.g., Salt, Fresh, etc.)		Diss. Oxygen 60.0			Total Res. Chlorine (mg/L) —
	Temp (C) 19.33		Sample Depth 0.3			
Salinity (ppt) 0.02		pH 5.36		Sp. Conductance (umho/cm) 43		
Comments fresh		Eastern Central		Bottle Group(s)		

[illegible]

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<i>[Signature]</i>	8/12/5	Pro 1000		<i>[Signature]</i>	8-28-5

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

Customer: WAS-SECT

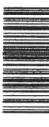
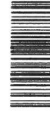
Requester: Curtis Musson

Field Report Prepared By: Ben Rabys, Jason Storrs

Project ID: SMP

Collected By: Ben Rabys, Jason Storrs

Sampling Agency: FDEP

Location		WIN ID / Field ID		Collection (comp begin or <u>Grab</u>)		Composite end		Bottle Group(s)	
Field ID	Minnow Creek At			Date 5/2/18	Time 1015	Date -- Time --		A	
WIN/STORET #	Lovewood Rd	G3WA00008		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 79.4		Total Res. Chlorine --	
Latitude	30.83682	Longitude -85.52943		Temp (C) 18.68	pH 6.09	Sample Depth 0.15		Sp. Conductance (umho/cm) 47	
Location		WIN ID / Field ID		Collection (comp begin or <u>Grab</u>)		Composite end		Bottle Group(s)	
Field ID	Little Alligator Creek at			Date 5/2/18	Time 1030	Date -- Time --		A, B	
WIN/STORET #	SR 273	G3WA00006		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 80.2		Total Res. Chlorine --	
Latitude	30.88873	Longitude -85.46802		Temp (C) 20.06	pH 6.71	Sample Depth 0.15		Sp. Conductance (umho/cm) 83	
Location		WIN ID / Field ID		Collection (comp begin or <u>Grab</u>)		Composite end		Bottle Group(s)	
Field ID	Alligator Creek upstream of Bentley Rd.			Date 5/2/18	Time 1100	Date -- Time --		A, B	
WIN/STORET #		G3WA00004		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 71.1		Total Res. Chlorine --	
Latitude	30.8735	Longitude -85.4723		Temp (C) 18.23	pH 6.12	Sample Depth 0.3		Sp. Conductance (umho/cm) 70	
Location		WIN ID / Field ID		Collection (comp begin or <u>Grab</u>)		Composite end		Bottle Group(s)	
Field ID	Scurlock Creek at Pilgrim Rd			Date 5/2/18	Time 1130	Date -- Time --		A, B	
WIN/STORET #		G3WA00009		Matrix (type, e.g., Salt, <u>Fresh</u> , etc)		Diss. Oxygen 49.3		Total Res. Chlorine --	
Latitude	30.8545	Longitude -85.4443		Temp (C) 19.03	pH 6.43	Sample Depth 0.15		Sp. Conductance (umho/cm) 97	

Relinquished By: 	Date/Time 5/2/18	Shipping Method 1400	Number of Coolers Shipped: 04	Received By: 	Date/Time 5-2-18 11:40
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**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Ralys, Jason Storrs

Project ID: SMP

Collected By: Ben Ralys, Jason Storrs

Sampling Agency: FDEP

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Pine Barn Creek	Collection Date	5/2/18	Time		Date		Time	
WIN/STORET #	at Woodrest Rd	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen		Total Res. Chlorine			A, B
Latitude	30.8358	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude	-85.4488	Salinity (ppt)		Comments					
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Gilbert's Mill Creek	Collection Date	5/2/18	Time	1215	Date		Time	
WIN/STORET #	at Woodrest Rd	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	86.4	Total Res. Chlorine			A, B
Latitude	30.8069	Temp (C)	20.04	pH	5.44	Sample Depth	0.3	Sp. Conductance (umho/cm)	34
Longitude	-85.4607	Salinity (ppt)	0.01	Comments					
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Unnamed Creek	Collection Date	5/2/18	Time	1155	Date		Time	
WIN/STORET #	at Palrnview Rd	Matrix (type, e.g., Salt, Fresh, etc)	Fresh	Diss. Oxygen	68.8	Total Res. Chlorine			A, B
Latitude		Temp (C)	19.43	pH	5.60	Sample Depth	0.2	Sp. Conductance (umho/cm)	35
Longitude		Salinity (ppt)	0.02	Comments					
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Collection Date		Time		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Collection Date		Time		Date		Time	
WIN/STORET #		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine			
Latitude		Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
Longitude		Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Ben Ralys	5/2/18	Drop off	4	Ben Ralys	5-2-18
					1450

Group: C	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-ICP W-ICPMS	P-500ML <i>W-ICP Acid</i> <i>Lot NA-7341010 Exp 12/7/18</i>	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: D	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: D	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML <i>Sulfuric Acid</i> <i>Lot SA 7233030</i> <i>Exp 8/21/18</i>	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1

Cooler Packing Worksheet for Request: RQ-2018-04-30-30

Alligator Creek, Minnow Creek

Ship Cooler On: 4/20/2018

Customer/Project: WAS-SECT/SMP

Assigned To: GREENWOO_J

Requester: Curtis Musson

Priority: 3

850-245-8453

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Freshwater Kit, E.coli

Group B: Tracers, Markers

Group C: Pesticides, Metals

Group D: Field Blank: Kit, Metals, Tracers

Packing Notes:

No FedEx Labels

5 - liters DI Water ✓

No trash bags

Extra LC QC bottles in B, C and D

Requested Analyses:

Bottle Group: A

of Sites: 9

Container ID: P-1L

Qty: 9 Preservation: ICE

Lot # 00070681

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

Container ID: BP-1L

Qty: 9 Preservation: ICE

Lot # 1223623

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: 9 Preservation: ICE

Lot # 117167

Description:

Analysis

ECOLI-18QT

Description

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

Container ID: P-500ML

Qty: 9 Preservation: ICE And H2SO4

Lot # 00070631

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: 9 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: B

of Sites: 8

Container ID: QPCR-P-500ML

Qty: 8 Preservation: ICE

Lot # 00070172

Description: 500ml Sterile Nalgene

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: 9 Preservation: ICE

Lot # 00070528

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

Bottle Group: C

of Sites: 1

Container ID: BG-500ML

Qty: 1

Preservation: CH₂ClCOOH Pre-Preserved

Lot # 00068622

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 # 00070528

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: 2

Preservation: ICE

Lot # 00070528

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 # 00070631

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: BG-1L

Qty: 4 Preservation: ICE

Lot # 00069911

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Group: D

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00070681

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

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00070528

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 # 00070631

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 # 00070031

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 # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: J.D.

Number of Coolers: 6

Date: 4/17/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☐ FedEx Bills, if applicable
- ☐ Plastic Bags
- ☐ Zip Ties

If Preservation Included:

ID	MCAA Buffer Solution	Exp	1/10/19	Lot #	88817
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	

PLEASE RETURN ALL COOLERS FOR RQ-2018-04-30-30