



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Minnow Creek At Lovewood Rd

Date: 2/12/2020

(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-2020- 02-10-09

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Curtis Musson	X	X	X	X	X
Evelyn Becerra		X			

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☒ Syringe	☐ Pole
☐ Dipper	☐ Other
Depth Measured with <u>meterstick</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# <u>Biology #2</u>	
Photos: <u>Yes</u> / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>	Tide Times: High Low
Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:			
SBIO ID Numbers:	SBIO-ID: <u>---</u>	HA-ID: <u>---</u>	RPS-ID: <u>---</u> Macrophyte-ID: <u>---</u> LIMS#:
Notes:			

Duplicate Sample

Time Zone: EST CEN Time: Field ID: (WIN ID_DUP)

WIN DMT Activity ID: No Dup

Blank

Time Zone: EST CEN Time: Field ID: (Blank Type_DMMYYYY)
DI Source: Location: No Blg
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank
Equipment ID:

LIMS EVENT ID: WAS-SECT-2020-02-12-01

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: BAK

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT: AWM

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)



RQ-2020- 02-10-09
Customer: WAS-SECT
Project ID: NWQI

Collected By: Evelyn Becerra, Curtis Musson
Field Report Prepared By: Evelyn Becerra
Sampling Agency: FDEP

Lab Page ____ of ____

WIN ID /
FILED ID →
G3WA0008

Location
Minnow Creek At Lovewood Rd

Contains 1.1 H2SO4
Lot No. SA9203100
Expires: 07/22/20
See Safety Data Sheet (SDS)

Contains 1.1 HNO3
Lot No. NA9189080
Expires: 07/08/20
See Safety Data Sheet (SDS)

Contains 1.1 HNO3
Lot No. NA9189080
Expires: 07/08/20
See Safety Data Sheet (SDS)

Contains 1.1 HNO3
Lot No. NA9189080
Expires: 07/08/20
See Safety Data Sheet (SDS)

Matrix: Fresh / Marine

(Check one) ☒ GRAB ☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
2/12/20	9:26	6.49	69.4	18.59	5.35	0.15		0.13	44	9.02
EST / CST										

Central Lab please use top row for login purposes

EST / CST										
-----------	--	--	--	--	--	--	--	--	--	--

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP Lot # SA9203100 Exp: 07-22-2020	☒ Ice ☒ H2SO4* ☒ <2		1	A
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☐ W-HARD Lot # NA9189080 Exp: 7-8-20	☒ Ice ☒ HNO3* ☒ <2		1	A
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter Filter Lot # 168 03 885 Syringe Lot # 8054813	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☒ Ice		1	A
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	A
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ W-E8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name: Curtis Musson

Signature: [Signature]

Date: 2/12/20

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Request Number: RQ-2020-02-10-09

NWQI - Alligator Creek

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

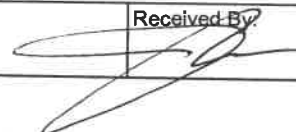
Field Report Prepared By: Evelyn Becerra

Project ID: NWQI

Collected By: Curtis Musson, Evelyn Becerra

Sampling Agency: FDEP

Lor		WIN ID / FILED ID →  G3WA0008		☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) (See pg 2) A
File				☒ Grab	Date 2/12/2020 Time 9:26		Central	Date - Time -		
W Location		Minnow Creek At Lovewood Rd		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 69.4		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) 18.59	pH 5.35	Sample Depth 0.15	☐ ft ☒ m	Sp. Conductance (umho/cm) 44	
Location				☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) A
File		Location: Alligator Creek Upstream Of Sr 273		☒ Grab	Date 2/12/2020 Time 10:00		Central	Date - Time -		
WIN ID/Field ID:		WIN ID/Field ID:  G3WA0005		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 63.5		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) 18.88	pH 5.39	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 43	
Location				☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) B
File		WIN ID / FILED ID →  G3WA0004		☒ Grab	Date 2/12/2020 Time 10:37		Central	Date - Time -		
WI Location		Alligator Creek upstream of Bentley Rd.		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 72.3		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) 19.14	pH 5.38	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 50	
Location				☐ Comp	Collection (comp begin or grab)		Eastern	Composite end		Bottle Group(s) B
Field		WIN ID / FILED ID →  G3WA0006		☒ Grab	Date 2/12/2020 Time 11:11		Central	Date - Time -		
WIN/ Location		Little Alligator Creek at SR 273		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 61.5		☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L) -	
Latitude		☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C) 19.80	pH 5.40	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 52	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Evelyn Becerra	2/12/2020 3:13 pm	hand delivered	4		2/12/2020 1514

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ECOLI-18QT						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP				HNO3		
	W-ICPMS				LOT# NA9189080		
					EXP: 07/08/2020		
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3						
	W-NO2NO3				H2SO4		
	W-S-A-TP				LOT# SA9203100		
	W-TKN				EXP: 07/22/2020		
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						

Request Number: RQ-2020-02-10-09

NWQI - Alligator Creek

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: NWQI

Requester: Curtis Musson

Field Report Prepared By: Evelyn Becerra

Collected By: Curtis Musson, Evelyn Becerra

Sampling Agency: FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
Field Location: Scurlock Creek At Pilgrim Rd		Date		Time		Date		Time		Date	
WIN ID/Field ID: G3WA0009		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B	
Temp (C) 20.21		pH 4.88		Sample Depth 0.15		☐ ft ☒ m		Sp. Conductance (umho/cm) 37			
Salinity (ppt) 0.02		Comments									
Latitude		Longitude		dd		dms		dd		dms	
Location: Pine Barn Creek At Woodrest Rd		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
WIN ID/Field ID: G3WA0011		Date		Time		Date		Time		Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B			
Temp (C) 19.60		pH 4.95		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 40			
Salinity (ppt) 0.02		Comments									
Latitude		Longitude		dd		dms		dd		dms	
Location: Unnamed Creek At Woodrest Rd		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
WIN ID/Field ID: G3WA0010		Date		Time		Date		Time		Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B			
Temp (C) 20.32		pH 4.44		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 38			
Salinity (ppt) 0.02		Comments									
Latitude		Longitude		dd		dms		dd		dms	
Location: Unnamed Creek At Palmview Rd		☐ Comp ☒ Grab		Collection (comp begin or grab)		☒ Eastern ☐ Central		Composite end		Bottle Group(s)	
WIN ID/Field ID: G3WA0013		Date		Time		Date		Time		Date	
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		B			
Temp (C) 20.95		pH 5.13		Sample Depth 0.15		☐ ft ☒ m		Sp. Conductance (umho/cm) 41			
Salinity (ppt) 0.02		Comments									
Latitude		Longitude		dd		dms		dd		dms	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Evelyn Becerra	2/12/2020 3:13 pm	hand delivered	4	[Signature]	2/12/2020 1514

Group: A	Bottle Type:	P-1L	# of Bottles: 2	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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ECOLI-18QT					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	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:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F					

Group: B	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ECOLI-18QT						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	W-E8321-DI						
	W-E8321-MS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: B	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						

H2SO4

LOT# SA9203100

EXP: 07/22/2020

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

Boldly "X" this box if there are qualified data on this page.

Meter ID: B6 #2

RQ: 2020-02-10-09

Project: Snp 1/1/2020

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification _____

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	2/12/20	7:05	20.12	760	9.074	9.07	100.0	74.7	—	P/F	P/F
ICV	Curtis Musson	2/12/20	7:06	20.10	760	9.074	9.08	100.0	74.7	—	P/F	P/F
CCV	Curtis Musson	2/12/20	15:29	12.31	760	8.693	8.71	100.2	76.8	—	P/F	P/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

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

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	2/12/20	7:09	191120D	12/2020	1000	1000	P/F	P/F
ICV	Curtis Musson	2/12/20	7:11	191120D	12/2020	1000	1000	P/F	P/F
CCV	Curtis Musson	2/12/20	15:31	290881	8/2021	100	103	P/F	P/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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	2/12/20	7:17	190618B	12/2020	7.02	20.19	7.02	-26.9	P/F	P/F
Calibr.	Curtis Musson	2/12/20	7:19	191120A	06/2021	4.0	20.38	4.00	146.6	P/F	P/F
Calibr.	Curtis Musson	2/12/20	7:22	190618C	12/2020	10.05	20.25	10.04	-196	P/F	L/F
ICV							20.27			P/F	L/F
ICV	Curtis Musson	2/12/20	7:27	191120A	06/2021	4.00	20.3	4.00	146	P/F	P/F
CCV	Curtis Musson	2/12/20	15:33	190618B	12/2020	7.02	20.33	7.19	-34	P/F	P/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)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	Curtis Musson	2/12/20	7:12	0.000	0.000	P/F	P/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Cooler Packing Worksheet for Request: RQ-2020-02-10-09.

NWQI - Alligator Creek

Ship Cooler On: 2/6/2020

Customer/Project: WAS-SECT/NWQI

Assigned To: MCCOY_I

Requester: Curtis Musson

Priority: 3

850-245-8453

2600 Blair Stone Rd



Tallahassee, FL 32399

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Nutrients, Metals, E. coli, Tracers X 2

Group A: Minnow Creek & Alligator Creek Upstream Of SR 273

Group B: Nutrients, E. coli, Tracers x 6

Packing Notes:

No FedEx labels

No Trash Bags

No Bubblewrap

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00075290

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 (not valid for NPDES monitoring)

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: 2 Preservation: ICE

Lot # 1763470

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: 2 Preservation: ICE

Lot # L19247#

Description: 250 ml Sterilized no tablet

Analysis

ECOLI-18QT

Description

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

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00075691

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: 2 Preservation: HNO3

Lot # 00075720

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: 2 Preservation: ICE And H2SO4

Lot # 00075720

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: 2 Preservation: FILTER-ICE

Lot # 00075961

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: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00075290

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 (not valid for NPDES monitoring)

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 # 000^{IM} 2/3/20
1263470

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: 6 Preservation: ICE

Lot # L19247#

Description: 250 ml Sterilized no tablet

Analysis

ECOLI-18QT

Description

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

Container ID: BG-500ML

Qty: 6 Preservation: ICE

Lot # 00075651

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 # 00075720

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

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

W-TKN
W-TOC

Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 6 Preservation: FILTER-ICE

Lot # 00075961

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: IM

Number of Coolers: 34

Date: 2/3/20

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 _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2020-02-10-09