



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

PH

WIN Station Name:

Minnow Creek At Lovewood Rd

Date:

05/02/2018

WIN ID/ Field ID

G3WA0008

WBID:

130

Latitude:

30.83682

(mm/dd/yyyy)

County:

Jackson

ORG ID:

21FLWQA

Longitude:

-85.52943

(Decimal Degrees)

Receiving Body of Water:

Alligator Creek

RQ - 2018-04-30-30

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Curtis Mussen	Ben Rulys		X		X				☒ Sample Container	☐ Van Dorn ☒ Pole	
Jason Stores		X		X	X				☐ Carboy	☐ Syringe	
									☐ Dipper	☐ Other	
									Depth Measured with: <u>Secchi</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# BIO#2					Matrix: <u>Fresh</u> / Marine/ DI	
Photos: <u>Yes</u> / No		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>			

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	1015	0.3	0.15	0.3	7.43	79.7	6.09	0.02	47	18.68
CEN	—	—	—	10B 55"	—	—	—	—	—	—

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 ☒ H ₂ SO ₄	SA 7233030	08/21/2018	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	NA 7341010	12/07/2018	☐ <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-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-E32821-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)

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

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			
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			
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			
Place Preservative Sticker(s) Here (If Available)					

Blank

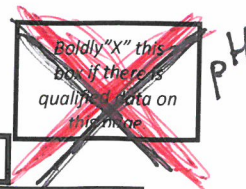
Time Zone: <u>EST</u> CEN		Time: <u>945</u>		Field ID: <u>BLANK_05022018</u>	
DI Source: <u>Lab</u>		(Blank_DDMMYYYY)			
Location: <u>Alligator Creek upstream of SR 273</u>					
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
WIN DMT Blank Batch ID: _____					
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 7341010	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-Cl-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, FW Bact, Pictures WIN ID / Field ID Minnow Creek At Lovewood Rd  G3WA0008					
Signature: 				Date: <u>5/2/2018</u>	

Enter Field Parameters, Verify Station ID In LIMS DMT: 888 5/9/18QC Station ID, Field Parameters In LIMS DMT: CN 5-9-18Scan/Save Field Sheets CN 5-9-18

Migrate Data to WIN: _____

Verify Data In WIN: _____

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 Rals	5/2/18	7:09	21.98	8.76	8.75	100.1	49.2	-	P/F	L/F
ICV	Ben Rals	5/2/18	7:11	21.99	8.76	8.76	100.1	49.2		P/F	L/F
CCV	Jason Sperry	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 Rals	5/2/18	7:14	171005D	10/2018	1,000	1,000	P/F	L/F
ICV	Ben Rals	5/2/18	7:15	171005D	10/2018	1,000	1,001	P/F	L/F
CCV	Jason Sperry	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 Rals	5/2/18	7:17	171005B	4/2019	7.0	6.99	-3.5	P/F	L/F
Calibr.	Ben Rals	5/2/18	7:18	171005A	10/2018	4.0	4.00	172.0	P/F	L/F
Calibr.	Ben Rals	5/2/18	7:20	171005C	4/2019	10.0	9.96	-167.0	P/F	L/F
ICV	Ben Rals	5/2/18	7:22	171005C	4/2019	10.0	9.95	-166.7	P/F	L/F
CCV	Jason Sperry	5/2/18	1520	171005A	10/2018	4.0	3.30	211.1	P/F	L/F
CCV	Jason Sperry	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:

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

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: **Storrs**

Project ID: SMP

Collected By: **Jason Storrs, Ben Robs**Sampling Agency: **FDEP**

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Alligator Creek	dd	Longitude	Comp	Date	Time	Date	Time	
WIN/STORET #	upstream of SR 273	☒ dd	☒ dms	Grab	5/2/18	930			A,B,C
Latitude	30.819	-85.5042		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
				Fresh		60.0	☒ % sat		
				Temp (C)		pH	ft	Sp. Conductance	43
				Salinity (ppt)		0.02	☒ m		
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Field Blank	dd	Longitude	Comp	Date	Time	Date	Time	
WIN/STORET #	Blank_05022018	☒ dd	☒ dms	Grab	5/2/18	945			D
Latitude	30.819	-85.5042		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
				Fresh			☒ % sat		
				Temp (C)		pH	ft	Sp. Conductance	
				Salinity (ppt)			☒ m		
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Alligator Creek upstream of SR 273	dd	Longitude	Comp	Date	Time	Date	Time	
WIN/STORET #	QC DUP Q3WA0005	☒ dd	☒ dms	Grab	5/2/18	930			A,B
Latitude	30.819	-85.5042		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
				Fresh		60.0	☒ % sat		
				Temp (C)		pH	ft	Sp. Conductance	43
				Salinity (ppt)		0.07	☒ m		
Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Alligator Creek upstream of SR 273	dd	Longitude	Comp	Date	Time	Date	Time	
WIN/STORET #	QC DUP Q3WA0005_DUP	☒ dd	☒ dms	Grab	5/2/18	930			A,B
Latitude	30.819	-85.5042		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	mg/L	Total Res. Chlorine	
				Fresh		60.0	☒ % sat		
				Temp (C)		pH	ft	Sp. Conductance	43
				Salinity (ppt)		0.07	☒ m		

Relinquished By: [Signature]	Date/Time: 5/2/18 1400	Shipping Method: Drop off	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 5-2-18 1400
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By:

Field Report Prepared By:

Sampling Agency:

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Minnow Creek At	Date 5/2/18		Time 1015		Date		Time	
WIN/STORET #	Lovewood Rd	G3WA0008		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude	30.83682	Longitude -85.52943		pH		Sample Depth		Sp. Conductance	
Location	Little Alligator Creek at SR 273	WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	Creek at	Date 5/2/18		Time 1030		Date		Time	
WIN/STORET #	SR 273	G3WA0006		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude	30.88873	Longitude -85.46802		pH		Sample Depth		Sp. Conductance	
Location	Alligator Creek upstream of Bentley Rd.	WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	upstream of Bentley Rd.	Date 5/2/18		Time 1100		Date		Time	
WIN/STORET #		G3WA0004		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude	30.8735	Longitude -85.4723		pH		Sample Depth		Sp. Conductance	
Location	Scurlock Creek at Pilgrim Rd	WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	at Pilgrim Rd	Date 5/2/18		Time 1130		Date		Time	
WIN/STORET #		G3WA0009		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine	
Latitude	30.8545	Longitude -85.4443		pH		Sample Depth		Sp. Conductance	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
5/2/18	Day 0.14			5-2-18	114.00

Alligator Creek, Minnow Creek

Customer: WAS-SECT

Requester: Curtis Musson

Requester: Curtis Musson

Field Report Prepared By:

Project ID: SMP

Collected By: Ben Rab's Jasso June

Sampling Agency:

[illegible]

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

(40)

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: CH₂CICOOH 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
W-ICPMS

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 # 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	11/10/19	Lot #	88817
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	

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