



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Date Qualified?

Yes / No

WIN Station Name: McGirts CR @ Halsema Rd Date: 11/15/2018
WIN/ Field ID: 20030877 WBID: 2249B Latitude: 30.33933
County: Duval ORG ID: 21FLA Longitude: 81.87014
Receiving Body of Water: Ortega River RQ-2018- 11-12-18

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B. DAVIS						X	X	X	
P. O'Connor					X		X	X	
A. Houge									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>DEP #154181</u>		
Equipment ID <u>alpha #44</u>		

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

Water Level: Dry/ Pooled/ Low Normal / High / Flooded Meter ID# DEP #154181 Matrix: Fresh / Marine / DI

Photos: Yes ☒ No ☐ Flow: No Flow / Interstitial / Flowing / NA Tide: Rising/ Falling/ Slack/ NA Tide Times: High Low

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	1210	0.2	0.1	0.25	6.51	12.6	6.56	0.04	146.9	20.2
CEN										

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	SA8085170	03-26-19	☒ <2
Metals	☐ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA8080070	03-21-19	☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter	☒ Ice	RTHA29007		
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-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: Audit

Field ID/Win ID



20030877

McGirts Creek at Halsema Rd.

Signature: B. Davis

Date: 11-14-18

Enter Field Parameters, Verify Station ID in LIMS DMT: BD 11/16/18

QC Station ID, Field Parameters in LIMS DMT: BD 11/27/18

Scan/Save Field Sheets BD 11/27/18

Migrate Data to WIN: BD 11/27/18

Verify Data in WIN: BD 11/27/18

(Initials/Date)

(Initials/Date)

(Initials/Date)

Duplicate

Time Zone:	EST	CEN	Time:	Field ID:	(WIN ID + DUP)
Parameter Suite	Parameter Methods		Preservation	Lot#	Expiration pH Che
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-E8321-MS ☐ W-E8321-DI		☐ Ice		
Pesticides	☐ W-PSNP-TQ ☐ W-E8321-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA		☐ Ice ☐ Other		

Place Preservative Sticker(s) Here
(If Available)

Blank

Time Zone: <u>EST</u> CEN	Time: <u>1235</u>	Field ID: <u>BLANK-11152018</u>
DI Source: <u>NE ROC DI</u>	Location: <u>NE ROC DI</u>	(Blank_DDMYYYY)
☒ Field Blank	☐ Equipment Blank	☐ Field Cleaned Equipment Blank
Equipment ID: <u>ORTRO #44</u>		

WIN DMT Blank Batch ID:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Che
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SA8197090</u>	<u>07-16-19</u>	☒ < 2
Metals	☐ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	<u>NA8080070</u>	<u>03-21-19</u>	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	<u>SA15192HS</u>		
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-E8321-MS ☐ W-E8321-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E8321-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Other			

Contains: 1:1 H2SO4
Lot No.: SA8197090
Expires: 07/16/19
See Safety Data Sheet (SDS)

Contains
1:1
Nitric Acid
NA-808007C
EXP: 03/21/19
See SDS

SULFURIC ACID 51%
DANGER
Corrosive
Causes severe skin burns and eye damage.
May be fatal if swallowed or absorbed through the skin.
Vapor irritates the respiratory system.
Hazardous to the environment.
If swallowed, do not induce vomiting. If on skin, wash with plenty of water. If on clothing, remove clothing immediately. If in eyes, flush with water for at least 15 minutes. If inhaled, move to fresh air. If necessary, seek medical attention. See SDS for more information.
This material is not for use as a food additive or as a component of any food or feed. It is not to be used in any way that would result in its being consumed by humans or animals.
This material is not to be used in any way that would result in its being released into the environment.

Notes:	Field ID: <u>BLANK 11152018</u>
Signature: <u>[Signature]</u>	Field Blank Location: <u>NE ROC DI</u>
Date: <u>7-15-18</u>	

Enter Field Parameters, Verify Station ID in LIMS DMT: _____	QC Station ID, Field Parameters in LIMS DMT: _____
Scan/Save Field Sheets _____	Migrate Data to WIN: _____
Verify Data in WIN: _____	

Group: B Bottle Type: P-500ML # of Bottles: 1 Preservative: HNO3 Enter Number of Bottles Sent to Lab _____

W-ICP
W-ICPMS

Group: B 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: B Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab _____

W-PO4-F

Cooler Packing Worksheet for Request: RQ-2018-11-12-18

LSJR West2

Ship Cooler On: 11/2/2018

Customer/Project: NE-DIST/SMP

Assigned To: RODRIGUE_G
Requester: Jeremy M. Parrish
Priority: 3

904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Attn: Jeremy M. Parrish

Comments:

No preservatives needed.

Group A: Freshwater Kit, No Metals

Group B: Freshwater Kit With Metals

Requested Analyses:

Bottle Group: A

of Sites: 5

Container ID: P-1L

Qty: 5 Preservation: ICE

Lot # 00072522

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: 5 Preservation: ICE

Lot # 1238147

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WI-THI

Qty: 5 Preservation: ICE

Lot # L18244

Description: 250 ml Sterilized with tablet

Analysis

NE-ALS-ECQ

Description

Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

Container ID: P-500ML

Qty: 5 Preservation: HNO3

Lot # 00072433

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: 5 Preservation: ICE And H2SO4

Lot # 00072433

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: 5 Preservation: FILTER-ICE

Lot # 00066437

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: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00072522

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: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00072433

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 # 00072433

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 # 00066437

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: GA Number of Coolers: 2 Date: 11/11/18

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-2018-11-12-18



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

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SR#
CAS Contract

Project Name LSSR WEST		Project Number RQ-2018-11-12-18		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																							
Project Manager J. Parrish		Email Address		PRESERVATIVE 8																							
Company/Address DEAR NED ROC 8800 BAYMEADOWS WAY W. JAX FL 32256				NUMBER OF CONTAINERS EC011											Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other ICE												
Phone # 904 256 1700		FAX #																									
Sampler's Signature Patrick O'Conna		Sampler's Printed Name Patrick O'Conna																									
CLIENT SAMPLE ID		LAB ID		SAMPLING DATE		TIME		MATRIX																			
20030877				11-14-18		1210		SW																			
20030346				↓		1235		↓																			
20030549				↓		1355		↓																			
G2NE1163				↓		1440		↓																			
SPECIAL INSTRUCTIONS/COMMENTS														TURNAROUND REQUIREMENTS				REPORT REQUIREMENTS				INVOICE INFORMATION					
See QAPP ☐ 0.8°C														RUSH (SURCHARGES APPLY)				I. Results Only				PO #					
														STANDARD				II. Results + QC Summaries (LCS, DUP, MS/MSD as required)				BILL TO:					
														REQUESTED FAX DATE				III. Results + QC and Calibration Summaries									
														REQUESTED REPORT DATE				IV. Data Validation Report with Raw Data									
																		V. Specialized Forms / Custom Report									
																		Edata Yes No									
SAMPLE RECEIPT CONDITION/COOLER TEMP														CUSTODY SEALS Y N													
RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY				RELINQUISHED BY				RECEIVED BY							
Signature Patrick O'Conna				Signature DAVE BLACKWELL				Signature				Signature				Signature				Signature							
Printed Name DEARNED ROC				Printed Name DAVE BLACKWELL				Printed Name				Printed Name				Printed Name				Printed Name							
Firm 11-14-18 1533				Firm ALS				Firm				Firm				Firm				Firm							
Date/Time				Date/Time 11.14.18 / 1533				Date/Time				Date/Time				Date/Time				Date/Time							

Request Number: RQ-2018-11-12-18

LSJR West2

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: P. DAVIS, P. O'Connor, HOUQUE

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR WED ROC

Location	Field ID/Win ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-14-18 Time 1210	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID		20030877	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 6.57	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	McGirts Creek at Helsema Rd.		Temp (C) 20.2	pH 6.56	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 146.9	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments DO% 72.6			
Location	Field ID/Win ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-14-18 Time 1235	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		20030346	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 6.42	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	MCGIRTS CREEK AT OLD PLANK ROAD		Temp (C) 20.1	pH 6.79	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 139.9	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments DO% 70.6			
Location	Field ID/Win ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-14-18 Time 1355	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		20030549	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 5.3	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	YELLOW WATER CR AT SR 228		Temp (C) 20.3	pH 7.12	Sample Depth 0.26	☐ ft ☒ m	Sp. Conductance (umho/cm) 146	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.07	Comments DO% 58.3			
Location	Field ID/Win ID		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-14-18 Time 1440	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		G2NE1163	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh		Diss. Oxygen 7.49	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORE	Yellow Water Creek at State Forest		Temp (C) 21.1	pH 7.23	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 116.6	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.05	Comments DO% 84.2			

Relinquished By: P. O'Connor	Date/Time 11-14-18 1530	Shipping Method Fed Ex	Number of Coolers Shipped: 2 (total)	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 to JAX ALS
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	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						

Request Number: RQ-2018-11-12-18

LSJR West2

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By:

Collected By:

B. DAVIS, P. O'Connor, A. Houque

Sampling Agency:

P. O'Connor
DEAL NED ROC

Location	Field ID:  BLANK 11152018	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11-14-18 Time 1235	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	Field Blank Location: NE ROC DI	Matrix (type, e.g., Salt, Fresh, etc) DEIONIZED WATER		Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORE		Temp (C) _____	pH _____	Sample Depth _____	☐ ft ☐ m	Sp. Conductance (umho/cm) _____
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORE #		Temp (C) _____	pH _____	Sample Depth _____	☐ ft ☐ m	Sp. Conductance (umho/cm) _____
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORE #		Temp (C) _____	pH _____	Sample Depth _____	☐ ft ☐ m	Sp. Conductance (umho/cm) _____
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORE #		Temp (C) _____	pH _____	Sample Depth _____	☐ ft ☐ m	Sp. Conductance (umho/cm) _____
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
WIN/STORE #		Temp (C) _____	pH _____	Sample Depth _____	☐ ft ☐ m	Sp. Conductance (umho/cm) _____
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) ☐ dd ☐ dms	Comments			

Relinquished By: P. O'Connor	Date/Time 11-14-18 1530	Shipping Method Fed Ex	Number of Coolers Shipped: 2 (total)	Received By:	Date/Time
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4/4

Group: B Bottle Type: P-500ML # of Bottles: 1 Preservative: HNO3 Enter Number of Bottles Sent to Lab 1

W-ICP
W-ICPMS

Group: B 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

Group: B Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1

W-PO4-F