

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: Dest

RQ: 2019-11-25-13

Project: Norcan Noris

- 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 12/19

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.	J. Pansh	11/26/19	730	20.8	762	9.0	9.0	100.2	-	1.05	P/F	L/F
ICV	J	J	731	20.8	762	9.0	8.97	100.3	-	1.05	P/F	L/F
CCV	K. Appley	11/26/19	1342	19.0	761.7	9.3	9.34	100.6	-	1.05	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 (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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Pansh	11/26/19	734	190711B	7/20	1000	1000	P/F	L/F
ICV	J	J	736	190711A	7/20	100	102	P/F	L/F
CCV	J	J	1343	190711C	7/20/20	50,000	50,888	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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Pansh	11/26/19	740	2902778	1/21	7.00	22.7	7.01	-34.30	P/F	L/F
Calibr.	J	J	742	2907862	7/21	4.00	22.8	4.00	144.8	P/F	L/F
Calibr.	J	J	743	2904E91	7/21	10.00	22.8	10.03	208.9	P/F	L/F
ICV	J	J	744	2907862	7/21	4.00	22.8	3.99	144.4	P/F	L/F
CCV	J. Pansh	J	1346	2904E91	10/20	10.00	22.9	10.00	-2050	P/F	L/F
CCV	K. Appley									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)

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: 10/20/19

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	J. Pansh	11/26	745	0.00	1.00	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 STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Creek draining former Hampton Lake 100m above road

Date: 11/26/19
(mm/dd/yyyy)

WIN/ Field ID: G4NE0292

WBID: 2105A

Latitude: 30.77696

(Decimal Degrees)

County: Nassau

ORG ID: 21 FLA

Longitude: -81.96995

(Decimal Degrees)

Receiving Body of Water: Nassau River

RQ-2019- 11-25-13

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
K. Appleby J. Hersh							X		X	X
						X		X	X	

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>ortho kit #7</u>	

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

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

Meter ID# 0252 Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / 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 (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>955</u>	<u>0.4</u>	<u>0.3</u>	<u>0.4</u>	<u>9.9</u>	<u>89.0</u>	<u>5.52</u>	<u>0.04</u>	<u>76</u>	<u>10.5</u>
CEN				<u>5</u>						

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	<u>SA9203100</u>	<u>7/2/20</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	<u>R9 BAGBTS</u>		
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-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:

WIN ID/Field ID:



G4NE0292

Creek draining former Hampton lake
100m above rd

Signature: [Signature]

Date: 11/26/19

LIMS EVENT ID:

WIN Import ID:

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:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: MILLS CREEK AT US 301/US1

Date: 11/26/19
(mm/dd/yyyy)

WIN/ Field ID: 19020048

WBID: 2120B

Latitude: 30.6389138

(Decimal Degrees)

County: Nassau

ORG ID: 21 FLA

Longitude: -81.86306

(Decimal Degrees)

Receiving Body of Water: Nassau River

RQ-2019- 11-25-13

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
R. Appleby									
J. Parrish									

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☒ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Depth Measured with <u>meter</u>	
Equipment ID <u>Ortho K.T. #7</u>	

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

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

Meter ID# Desi

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / 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 (µmhos/cm)	Temp. (C°)
EST	1030	0.38	0.2	0.38	5.43	48.3	5.11	0.04	80.6	10.5
CEN				S						

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	SA9203109	7/2020	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA9189080	7/2020	☐ <2
Filtered Nutrients	☐ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R93A86875		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CH-IC / ☒ 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:

WIN ID/Field ID:



19020048

MILLS CREEK AT US 301/US1

Signature:

[Handwritten Signature]

Date:

11/26/2019

LIMS EVENT ID: WIN Import ID:

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:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: LOFTON CR @ A1A

Date: 11/26/19

(mm/dd/yyyy)

WIN/ Field ID: 19020003

WBID: 2129A

Latitude: 30.62988

(Decimal Degrees)

County: Nassau

ORG ID: 21 FLA

Longitude: -81.58767

(Decimal Degrees)

Receiving Body of Water: Nassau River

RQ-2019- 11-25-13

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
K Appleby J Parrish											☒ Sample Container	☐ Van Dorn	☒ Pole			
											☐ Carboy	☐ Syringe				
											☐ Dipper	☐ Other				
Depth Measured with <u>meter</u>											Equipment ID <u>Ortho kit #7</u>					
Collection Method																
☐ Wading											☐ Canoe/Kayak					
☐ From Shore											☐ Electric Motor					
☒ Other <u>Rock</u>											☐ Gasoline Motor					
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# <u>Best</u>					Matrix: Fresh / Marine / DI					
Photos: Yes / No						Flow: No Flow / Intestinal / Flowing / NA					Tide: Rising / Falling / Slack / NA			Tide Times: High <u>1030</u> Low		
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)						
EST	1120	1.8	0.3	0.4	5.15	50	6.27	0.47	944	14.0						
CEN	1122		1.5		5.0	49	6.27	0.47	949	14.0						
Biological Samples Collected: <u>None</u> 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		5A834076	12/2019	<2					
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				<2					
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice		R92A86875							
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-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					☐ Ice									
		☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD														
Tracers		☐ W-E8321-DI ☐ W-E8321-MS					☐ Ice									
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI					☐ Ice									
		☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA														
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice									

Notes:

WIN ID/Field ID:



19020003

LOFTON CR @ A1A

Signature:

[Handwritten Signature]

Date:

11/26/2019

LIMS EVENT ID:

WIN Import ID:

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:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Egans Creek at N 14thDate: 11/26/19
(mm/dd/yyyy)WIN/ Field ID: G4NE0290WBID: 2127ALatitude: 30.69176

(Decimal Degrees)

County: NassauORG ID: 21 FLALongitude: -81.45254

(Decimal Degrees)

Receiving Body of Water: ICWRQ-2019- 11-25-13

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>J. Parrish</u> <u>K. Appleby</u>									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>meter</u>		
Equipment ID <u>Well #1</u>		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☒ Other <u>Deck</u>	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / High / FloodedMeter ID# DesMatrix: Fresh / Marine / DIPhotos: Yes / NoFlow: No Flow / Intertidal / Flowing / NATide: Rising / Falling / Slack / NATide Times: High 830 Low

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°)
<u>EST</u>	<u>1200</u>	<u>2.4</u>	<u>0.3</u>	<u>0.7</u>	<u>6.65</u>	<u>82.9</u>	<u>7.62</u>	<u>32.50</u>	<u>49636</u>	<u>16.5</u>
<u>CEN</u>	<u>1202</u>		<u>1.9</u>		<u>6.67</u>	<u>83.2</u>	<u>7.60</u>	<u>32.57</u>	<u>49708</u>	<u>16.6</u>

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	<u>SA9203100</u>	<u>7/2020</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>R93A86873</u>		
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-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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

WIN ID/Field ID:



G4NE0290

Egans Creek at N. 14th

Signature: [Signature]

Date:

11/26/2019

LIMS EVENT ID:

WIN Import ID:

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:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Nassau North makeup

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

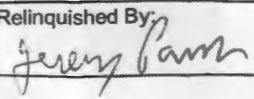
Field Report Prepared By: J Parrish

Project ID: SMP

Collected By: J Parrish

Sampling Agency: FDEP NE

Location	WIN ID/Field ID:  G4NE0292	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/26/19 Time 955	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Creek draining former Hampton lake	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/STORE	100m above rd	Temp (C) 10.5	pH 5.52	Sample Depth 0.3	Sp. Conductance (umho/cm) 76	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments	
Location	WIN ID/Field ID:  19020048	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/26/19 Time 1030	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	MILLS CREEK AT US 301/US1	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORE		Temp (C) 10.5	pH 5.11	Sample Depth 0.2	Sp. Conductance (umho/cm) 80.6	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments	
Location	WIN ID/Field ID:  19020003	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/26/19 Time 1120	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	LOFTON CR @ A1A	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/STORE		Temp (C) 14.0	pH 6.27	Sample Depth 0.3	Sp. Conductance (umho/cm) 944	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.47	Comments	
Location	WIN ID/Field ID:  G4NE0290	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 11/26/19 Time 1200	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Egans Creek at N. 14th	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/STORE		Temp (C) 16.5	pH 7.62	Sample Depth 0.3	Sp. Conductance (umho/cm) 49,636	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 32.5	Comments	

Relinquished By: 	Date/Time: 11/26/19 1600	Shipping Method: Fed ex	Number of Coolers Shipped: 2	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	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	<u>1</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2 HD ALS</u>
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						

Group: B Bottle Type: BP-1L # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2
CHLSUITE-W

Group: B Bottle Type: P-120ML-WC-THI # of Bottles: 4 Preservative: ICE Enter Number of Bottles Sent to Lab 4 to ALS
NE-ALS-ECQ

Group: B Bottle Type: P-500ML # of Bottles: 2 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 2
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: B Bottle Type: P-125ML # of Bottles: 2 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 2
W-PO4-F

Group: C Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
ALKALINITY
TURBIDITY
W-BR-IC
W-F
W-TSS

Group: C Bottle Type: BP-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
CHLSUITE-W

Group: C Bottle Type: P-120ML-WC-THI # of Bottles: 2 Preservative: ICE Enter Number of Bottles Sent to Lab 2
NE-ALS-ENQ

Group: C Bottle Type: BG-500ML # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
W-E8321-DI
W-E8321-MS

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

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

W-PO4-F

