

RQ-2019-08-26-58

Field Personnel processing steps

☐ New Field IDs created (when using a new station) Date: _____ initials: _____ ☒ NA

☐ Create entry in SMPStationCreationFile if new station is used

\\fidep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 8/29/19 initials: LM

☒ Update "SMP Tracker" Date: 8/29/19 initials: LM

☐ Photos put into archive Date: _____ initials: _____ ☒ NA

☐ RQ Sheet – from LIMS (display/print request)

☒ Calibration Log for YSI used

☒ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned and saved into:

Scans_ToBeProcessed Date: 8/29/19 initials: LM

Scan order; Calibration Log, Field Sheets, Tallahassee Submittal Sheets

☒ Update "Data Tracker"

\\publicfiles\pubfds\DEAR\WQAPmonitoring\StrategicMonitoring\2019\21FLPNS

Ready for folder system (top)

LIMS processing (to be completed by LIMS data personnel) (MC)

☐ Field parameters entered into LIMS Date: _____ initials: _____

☐ Digital RQ packet put into

SMP 2019/Data/Scanned Field Sheets Date: _____ initials: _____

☐ Digital field Sheets put into archive Date: _____ initials: _____

☐ Date submitted for QA/QC Date: _____ initials: _____

☐ Update "Data Tracker"

Database processing (Cheryl)

☐ Field parameters QA/QC in LIMS Date: _____ initials: _____

☐ Lab results put into archive (CB) Date: _____ initials: _____

☐ Data migrated to WINS Date: _____ initials: _____

☐ Update "Data Tracker"

Notes:

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: 154179 RQ- 2019-08-26-08 Project: OMP

- 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.											P / F	L / F
ICV											P / F	L / F
CCV	NM	8/29/19	0630	24.2	765	8.5	8.47	100.3			P	L
CCV	↓	↓	1990	22.4	765	8.7	8.78	100.6			P	L

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.	NM	8/29/19	0635	190116A	1/20	1000	1000	P / F	L / F
ICV	↓	↓	0640	190618A	1/20	100	102	P / F	L / F
CCV	↓	↓	1945	190116A	1/20	1000	1044	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.	NM	8/29/19	0645	281R03	10/20	7.	24.0	7.0		P / F	L / F
Calibr.	↓	↓	0648	2903818	1/21	4.	24.0	4.0		P / F	L / F
Calibr.	↓	↓	0650	4904E09	1/20	10.	24.0	10.0		P / F	L / F
ICV	↓	↓	700	2903818	1/21	4.0	24.0	3.94	18.7	P / F	L / F
CCV	↓	↓	1450	4904E09	9/20	10.0	21.8	10.07	-2380	P / F	L / F
CCV										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: 6/13/19

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	NM	8/29/19	0702	0.00	0.00	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: Gum Creek upstream of River Rd

Date: 8/29/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0439

WBID: 239

Latitude: 30.716560

County: Washington

ORG ID: 21FLPNS

Longitude: -85.798608
(Decimal Degrees)

Receiving Body of Water: Choctawhatchee River

RQ-2019- 08-26-68
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MIKE KING					☒	☒	☒	☒	☒
Nathan MURPHY					☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with _____		
Equipment ID _____		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes / No / Flow: No Flow / Intertidal / Flowing / NA
Meter ID# 154779 Matrix: Fresh / Marine / DI
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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)
EST	0945	0.4	0.2	VOB	5.24	62.2	3.74	0.01	26.0	24.3
CEN				(S)						

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:
SBIO ID Numbers: SBIO-ID: None HA-ID: RPS-ID: Macrophyte-ID: 901050 LIMS#: 410120

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>NA 8101020</u>	<u>4/17</u>	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO ₃	<u>NA 8344050</u>	<u>12/10/19</u>	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>116918633</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHIC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-QEDC	☐ Formalin			
Periphyton	☐ AL-SH-IC	☐ Ice			
Microbiology	☒ Coll ☐ PCA ☐ Emergence	☐ Ice			
Molecular	☐ PCR-PEER ☐ PCR-BAR ☐ PCR-GULLZ ☐ PCR-HFAB ☐ PCR-DB3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-ED1-DE ☐ W-ED1-MS	☐ Ice			
Pesticides	☐ W-PCP-DE ☐ W-PCP-MS ☐ W-ED1-DE ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ QTY-ON-C ☐ QTY-ON-C				

Notes: micro lot CR013V

Field/WIN ID → G3NW0439

Location: Gum Creek upstream of River Rd

Signature: _____ Date: 8/27/19

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:

Choctawhatchee River upstream Hwy 90 boat ramp

Date:

8/29/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0052

WBID: 49

Latitude: 30.77601496

(Decimal Degrees)

County: Walton

ORG ID: 21FLPNS

Longitude: -85.82730889

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019- 08-26-58

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MKEG King									
Nathan Murrey									

Sampling Equipment		
☐ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	

Depth Measured with _____
Equipment ID _____

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

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

Meter ID# 154179

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 (PPTH)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1015	0.8	0.3	VOB	7.06	87.9	6.37	0.05	104.7	27.0
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	SA 901026	4/10/20	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA 9099 030	4/9/20	☒ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
Chlorophyll	☐ CHL-SUITE-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-FC / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-IPW-CLD	☐ Formalin			
Periphyton	☐ ALGAL-ED	☐ Ice			
Microbiology	☒ E Coli ☐ Fecal ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BAC ☐ PCR-BUILD ☐ PCR-16S ☐ PCR-DG ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-DBP-DBP ☐ W-DBP-MS	☐ Ice			
Pesticides	☐ W-PON-TO ☐ W-TO-TO ☐ W-TO-TO ☐ W-TO-TO ☐ W-TO-TO	☐ Ice			
Phytoplankton	☐ DTY-QH-C ☐ DTY-QH-C				

Notes: M. 18145

Field/WIN ID: G3NW0052

Location: Choctawhatchee River upstream Hwy 90 boat ramp

Signature: _____ Date: 8/29/19

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 (Initials/Date) Migrate Data to WIN: (Initials/Date) 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:

East Pittman Creek upstream of Hwy 179

Date:

08/29/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0157

WBID: 55

Latitude: 30.95087

(Decimal Degrees)

County: Holmes

ORG ID: 21FLPNS

Longitude: -85.812198

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee River

RQ-2019-08-26-58

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MIKE KMS Nathan NAWKEY										
Sampling Equipment										
☐ Sample Container ☐ Van Dorn ☐ Pole										
☐ Carboy ☐ Syringe										
☐ Dipper ☐ Other										
Depth Measured with _____										
Equipment ID _____										
Collection Method										
☐ Wading ☐ Canoe/Kayak										
☐ From Shore ☐ Electric Motor										
☐ Other ☐ Gasoline Motor										
Water Level: Dry/ Pooled/ <u>Low</u> Normal / High / Flooded						Meter ID# <u>1541M</u>		Matrix: <u>Fresh</u> Marine / DI		
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal <u>Flowing</u> / NA		Tide: Rising/ Falling/ Slack/ <u>NA</u>		Tide Times: High _____ Low _____				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
EST	1055	0.4	0.2	103	7.30	87.4	6.32	<u>48.2</u> 0.02	48.2	24.8
CEN										
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	SA 9010030	04/10/20	☒ <2	
Metals	☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3	NA 912070	05/09/20	☐ <2	
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 um Filter					☒ Ice	1691K633			
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-CL-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY					☐ Ice				
Macroinvertebrates	☐ M-FC-LOC					☐ Formalin				
Periphyton	☐ ALGON-2					☐ Ice				
Microbiology	☒ E Coli ☐ Fecal ☐ Enterococci					☐ Ice				
Molecular	☐ PCR-FLUOR ☐ PCR-BAR ☐ PCR-GULZ ☐ PCR-HFUS ☐ PCR-DG2 ☐ PCR-GFD					☐ Ice				
Tracers	☐ W-8221-FL ☐ W-8221-MS					☐ Ice				
Pesticides	☐ W-PSNP-TO ☐ W-PSNP-J ☐ W-8221-DI ☐ W-PC-50-3 ☐ W-8221-MS ☐ W-CARD-NA					☐ Ice				
Phytoplankton	☐ DTY-ON-C ☐ PD-ON-C									

Notes:

CR0134

Field/WIN ID



G3NW0157

Location:

East Pittman Creek upstream of Hwy 179

Signature:

Date:

8/29/19

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: Limestone Branch upstream of Mt. Ida Rd

Date: (mm/dd/yyyy)

WIN/ Field ID: G3NW0023

WBID: 94

Latitude: 30.94755

County: Holmes

ORG ID: 21FLPNS

Longitude: -85.86685

Receiving Body of Water: Choctawhatchee River

RQ-2019-0826-58

Sampling Team Members

MIKE KING
NATHAN MURPHY

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other

Depth Measured with
Equipment ID

Collection Method

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

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

Meter ID# 154179

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	1120	0.3	0.2	VOB	7.39	87.9	7.37	0.11	241	24.4
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	9010030	4/10/20	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☐ HNO3	9129070	5/9/20	☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
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-SO4-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ M-FW-QUC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coll ☐ PCR ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-SAC ☐ PCR-GULL ☐ PCR-HFAS ☐ PCR-OC ☐ PCR-GPD	☐ Ice			
Tracers	☐ W-SO4-IC ☐ W-SO4-MS	☐ Ice			
Pesticides	☐ W-PN-TE ☐ W-CT-CL ☐ W-SO4-DE ☐ W-CL-IC ☐ W-DE-IC ☐ W-CARD-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ EUD-QN-C				

Place Preservative Sticker(s) Here
(If Available)

Notes:

18145

Field/WIN ID

G3NW0023

Location:

Limestone Branch upstream of Mt. Ida Rd

Signature:

Date:

8/29/19

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 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Requester: Michael King

Collected By: Nathan Melley / Mike King

Field Report Prepared By: N. Melley

Sampling Agency: MWR

Locality	Field/WIN ID →		Barcode		G3NW0439	
Field ID	Location:		Gum Creek upstream of River Rd			
WIN/S	Latitude		Longitude			
	☐ dd ☐ dms		☐ dd ☐ dms			
Locality	Field/WIN ID		Barcode		G3NW0052	
Field ID	Location:		Choctawhatchee River upstream Hwy 90 boat ramp			
WIN/S	Latitude		Longitude			
	☐ dd ☐ dms		☐ dd ☐ dms			
Locality	Field/WIN ID		Barcode		G3NW0157	
Field ID	Location:		East Pittman Creek upstream of Hwy 179			
WIN/S	Latitude		Longitude			
	☐ dd ☐ dms		☐ dd ☐ dms			
Locality	Field/WIN ID		Barcode		G3NW0023	
Field ID	Location:		Limestone Branch upstream of Mt. Ida Rd			
WIN/S	Latitude		Longitude			
	☐ dd ☐ dms		☐ dd ☐ dms			

☐ Comp	☒ Grab	Collection (comp begin or grab)	Time	0945	Eastern	Central	Composite end	Date	mg/L	% sat	Total Res. Chlorine (mg/L)	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)											
		Temp (C)	24.3	pH	3.74								
		Salinity (ppt)											
		dd		dms									
		Comments											
☐ Comp	☒ Grab	Collection (comp begin or grab)	Time	1015	Eastern	Central	Composite end	Date	mg/L	% sat	Total Res. Chlorine (mg/L)	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)											
		Temp (C)	27.0	pH	6.37								
		Salinity (ppt)											
		dd		dms									
		Comments											
☐ Comp	☒ Grab	Collection (comp begin or grab)	Time	1055	Eastern	Central	Composite end	Date	mg/L	% sat	Total Res. Chlorine (mg/L)	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)											
		Temp (C)	24.8	pH	6.32								
		Salinity (ppt)											
		dd		dms									
		Comments											
☐ Comp	☒ Grab	Collection (comp begin or grab)	Time	1120	Eastern	Central	Composite end	Date	mg/L	% sat	Total Res. Chlorine (mg/L)	Time	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)											
		Temp (C)	24.4	pH	7.37								
		Salinity (ppt)											
		dd		dms									
		Comments											

Relinquished By: [Signature]

Date/Time: 8/29/19

Shipping Method: Fed Ex

Number of Coolers Shipped: 1

Received By: [Signature]

Date/Time: [Blank]

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					4
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
	CHLSUITE-W					
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	TEST HAS NO BOTTLE					4
Group: A	Bottle Type:	NW-UJWF-ECQ	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
						4
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					4
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					4
	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
	W-PO4-F					4