Login Checklist

RQ- 2021 - 08 - 16 - 16 Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 08-20-2021 / 10:28

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
3.6C				11		X			9293 8015 2970
2.4C				10		X			9293 8014 8360

COOLER CHECK

***All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.**

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** _____
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** _____

Chain of Custody/ Field Sheet(s) Included? Yes X No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes X No ABS XXX

CONTAINER CHECK

Evidence Tape on Bottles? Yes ____ No ____ NA X Evidence Tape intact? Yes ____ No ____

If Criminal, photographs taken? Yes ____ No ____ Containers intact? Yes X No ____

Caps on tight? Yes X No ____

Sufficient Sample Volume: Yes X No ____

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? *(Blue dot on container)* Yes X No _____ Init: ABS /

Chlorine detected? *(One container checked per Field ID)* Yes _____ No X Init: ABS /

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

PRESERVATION CHECK *(EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")*

**Acid Preserved Samples: pH< 2.0? Yes X No ____ NA ____ Init: ABS /

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes ____ No ____ NA X Init: ABS /

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: ABS / **Date:** 08-20-2021 **Event contains NCRs (Y/N)?** N

Event ID: NE - DIST - 2021 - 08 - 20 - 01

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	Lot # 2325189 EXP:NOV 30 2021
pH Paper 0 – 3	N/A
pH Paper 0 – 13	Lot # 231019 EXP:NOV 1 2022
Chlorine Test Strips	0261 2023 / 05

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ Init: ABS

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes_____ No_____

If no, were samples shipped on dry ice? Yes_____ No_____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 8/19/2021
Customer: NE-DIST
RQ: RQ-2021-08-16-16

Collected By: Jessica Lee, Brian Davis
Sampling Agency: FDEP
Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 2

Delivery Method: FedEx

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Escambia Slough at Escambia st.	G4NE0287
Escambia slough at Calhoun st.	G4NE0311
Egans Creek at N. 14th	G4NE0290
Egan creek at Atlantic	G4NE0285
Egans Creek at Jasmine st.	G4NE0305
Escambia slough at Dade st.	G4NE0310

RELINQUISHED BY(SIGNATURE): J Lee

DATE/TIME: 8/19/2021 1600EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected Date: 08-20-2021

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.

Desi DO
Meter ID: ~~2021-08-16-16~~ RQ- 2021-08-16-16 Project: SMP-NASSAU N4

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.	J. Lee	8/19/21	0810	22.6	763.6	8.7	8.7	100.5	—	1.06	(P)/ F	(L) F
ICV			0811	22.6	763.5	8.7	8.68	100.5	—	1.06	(P)/ F	(L) F
CCV			1453	22.7	762.0	8.7	8.65	100.1	—	1.06	(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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Lee	8/19/21	0805	210426B	5/22	1000	1000	(P)/ F	(L)/ F
ICV			0807	210426D	5/22	20000	19924	(P)/ F	(L) F
CCV			1455	210426E	5/22	50,000	49893	(P) F	(L) F
CCV			1459	210426C	5/22	1413	1408	P / F	L / F

Conductivity Acceptance criteria ± 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. Lee	8/16/21	0813	2104E81	4/23	7.01	23.0	7.01	-21.1	(P)/ F	(L)/ F
Calibr.			0816	2103G99	3/23	4.00	23.1	4.00	168.8	(P)/ F	(L)/ F
Calibr.			0818	2107A04	12/22	10.02	23.0	10.02	-190.9	(P)/ F	(L)/ F
ICV			0821	2104E81	4/23	7.01	23.0	7.01	-17.4	(P)/ F	(L)/ F
CCV			1501	2103F53	9/22	10.03	22.1	10.00	-190	(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 ± 50; mV pH 10 Range -180 ± 50,
If mV are recorded: slope from 7 to 10 169.8, slope from 4 to 7 179.9 (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: 8/16/21
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. Lee	8/19/21	0825	0.00	0.00	(P) F	(L) F

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

COMMENTS:

Form effective August 1, 2018

RQ-2021-08-16-16
Customer: WQAP
Project ID: SMP

Collected By: Jessica Lee, Brian Davis
Field Report Prepared By: Jessica Lee
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G4NE0287

Location: Escambia Slough at Escambia st.

Comments:

Matrix: 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 (PPTh)
	1010 EST	2.04	27.2	28.1	6.93	0.2	0.4 ☒ VOB (S)	0.4	13331	7.62
8/19/2021										
	EST									

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			☒ Ice ☒ $H2SO_4$*	☒ <2	1	A
	Lot # SA1105060		Exp:	04/30/22			
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☒ W-HARD			☒ Ice ☒ HNO_3*	☒ <2	1	A
	Lot # NA1105100		Exp:	6/7/22			
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter			☒ Ice		1	A
	Filter Lot # R0NB29490						
	Syringe Lot #						
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS			☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			☒ Ice		1	A
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	Formalin Lot #		☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☒ Enterococci ☐ Contract Lab			☒ Ice		2	A
Molecular (QPCR-P-500ML)	☒ PCR-HF183 ☒ PCR-BacR ☒ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐			☒ Ice		1	A
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS			☒ Ice		1	A
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI / WE8321-MS / W-PSNP-TQ / W-CT-CL-R / W-PCL-TQ-R / W-CARB-AA (5 ml of MCAA** Buffer Solution)			☐ Ice			
Phytoplankton/Periphyton	DTY-QN-C / PKD-QN-BV			☐ Ice			

Name:	Signature:	Date:
Jessica Lee Brian Davis	Jessica Lee	08/19/2021

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End of Day CCV
Yes / No

WIN Station Name: Escambia Slough at Escambia st. **Date:** 8/19/2021

WIN/Field ID: G4NE0287 **WBID:** 2124B **ENR:** - **Latitude:** 30.6773

County: NASSAU **Org ID:** 21FLA **Longitude:** -81.46

Receiving Body of Water: Nassau - St. Marys **RQ-** 2021-08-16-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Jessica Lee		x		x	x
[x] Brian Davis	x		x		
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [ ] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [x] Pole

Depth measured with: Meter

Secchi Equipment ID:

Collection Method

- [ ] Wading
- [x] From Shore
- [ ] Other _____
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [x] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# DESI

Photos: NA **Flow:** FLOW **Tide:** FALLING **Tide Times:** High: 0630 Low: 1230

Biological Samples Collected: [x] None [ ] HA [ ] SCI [ ] RPS [ ] Algae ID [ ] LVS [ ] LVI Other:

SBIO ID Numbers:

Notes:

Sunny

Duplicate Sample

Time Zone: EST **Time:** _____ **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: _____ **Time:** _____ **Field ID:** _____ (Blank Type_DDMMYYYY)

DI Source: _____ **Location:** _____

DI Type: _____ **Equipment ID:** _____

DI Container (Name/ID): **DI Container Type:**

LIMS EVENT ID: _____ **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets JL 08/19/2021 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End of Day CCV
Yes / No

WIN Station Name: Escambia slough at Calhoun st. **Date:** 8/19/2021

WIN/Field ID: G4NE0311 **WBID:** 2124B **ENR:** - **Latitude:** 30.6746

County: NASSAU **Org ID:** 21FLA **Longitude:** -81.46

Receiving Body of Water: Nassau - St. Marys **RQ-** 2021-08-16-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Jessica Lee	x		x		
[x] Brian Davis		x		x	x
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [ ] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [x] Pole

Depth measured with: Meter

Secchi Equipment ID:

Collection Method

- [ ] Wading
- [x] From Shore
- [ ] Other
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [x] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# DESI

Photos: No **Flow:** FLOW **Tide:** FALLING **Tide Times:** High: 0630 Low: 1230

Biological Samples Collected: [x] None [ ] HA [ ] SCI [ ] RPS [ ] Algae ID [ ] LVS [ ] LVI Other:

SBIO ID Numbers:

Notes:

SUNNY

Duplicate Sample

Time Zone: EST **Time:** **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID:

Blank

Time Zone: **Time:** **Field ID:** (Blank Type_DDMMYYYY)

DI Source: **Location:**

DI Type: **Equipment ID:**

DI Container (Name/ID): **DI Container Type:**

LIMS EVENT ID: **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

Scan/Save Field Sheets JL 08/19/2021 (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

RQ-2021-08-16-16
Customer: WQAP
Project ID: SMP

Collected By: Jessica Lee, Brian Davis
Field Report Prepared By: Jessica Lee
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G4NE0311

Location: Escambia slough at Calhoun st.

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(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 (PPTh)
	1055 EST	2.05	26.6	28.7	7.24	0.05	0.1 ☒ VOB (S)	0.1	1765	0.89
8/19/2021										
	EST									

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	☐ Ice ☐ H_2SO_4*	☐ <2		
	Lot #	**Exp:**			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO_3*	☐ <2		
	Lot #	**Exp:**			
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
	Filter Lot #				
	Syringe Lot #				
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC **Formalin Lot #**	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab	☒ Ice		2	D
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Phytoplankton/Periphyton	DTY-QN-C PKD-QN-BV	☐ Ice			

Name:
Jessica Lee
Brian Davis

Signature: Jessica Lee

Date: 08/19/2021

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End of Day CCV
Yes / No

WIN Station Name: Egans Creek at N. 14th **Date:** 8/19/2021

WIN/Field ID: G4NE0290 **WBID:** 2127A **ENR:** ENRCC3 **Latitude:** 30.6918

County: NASSAU **Org ID:** 21FLA **Longitude:** -81.45

Receiving Body of Water: Nassau - St. Marys **RQ-** 2021-08-16-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Jessica Lee	x		x		
[x] Brian Davis		x		x	x
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [ ] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [x] Pole

Depth measured with: Meter
Secchi Equipment ID:

Collection Method

- [ ] Wading
- [ ] From Shore
- [x] Other Dock
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [x] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# DESI

Photos: No **Flow:** FLOW **Tide:** FALLING **Tide Times:** High: 0630 Low: 1230

Biological Samples Collected: [x] None [ ] HA [ ] SCI [ ] RPS [ ] Algae ID [ ] LVS [ ] LVI Other:

SBIO ID Numbers:

Notes:
SUNNY. WATER SLIGHTLY TURBID

Duplicate Sample

Time Zone: EST **Time:** **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID:

Blank

Time Zone: **Time:** **Field ID:** (Blank Type_DDMMYYYY)

DI Source: **Location:**

DI Type: **Equipment ID:**

DI Container (Name/ID): **DI Container Type:**

LIMS EVENT ID: **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

Scan/Save Field Sheets JL 08/19/2021 (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

RQ-2021-08-16-16
Customer: WQAP
Project ID: SMP

Collected By: Jessica Lee, Brian Davis
Field Report Prepared By: Jessica Lee
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G4NE0290

Location: Egans Creek at N. 14th

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: 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 (PPTh)
	1120 EST	2.02	30.4	30	6.96	0.3	0.48 ☐ VOB (S)	1.509	35886	22.59
8/19/2021										
	1125 EST	2	29.8	29.8	6.97	1.009			36261	22.78

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	☒ Ice ☒ H_2SO_4*	☒ <2	1	C
	Lot # Sa1105060 Exp:	4-30-22			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO_3*	☐ <2		
	Lot # Exp:				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	C
	Filter Lot # R0nb29490				
	Syringe Lot #				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice		1	C
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC Formalin Lot #	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab	☒ Ice		1	C
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Phytoplankton/Periphyton	DTY-QN-C PKD-QN-BV	☐ Ice			

Name: Jessica Lee, Brian Davis

Signature: Jessica Lee

Date: 08/19/2021

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End of Day CCV Yes / No

WIN Station Name: Egan creek at Atlantic **Date:** 8/19/2021

WIN/Field ID: G4NE0285 **WBID:** 2127A **ENR:** ENRCC3 **Latitude:** 30.6685

County: NASSAU **Org ID:** 21FLA **Longitude:** -81.44

Receiving Body of Water: Nassau - St. Marys **RQ-** 2021-08-16-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Jessica Lee	x		x		
[x] Brian Davis		x		x	x
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [ ] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [x] Pole

Depth measured with: Meter

Secchi Equipment ID:

Collection Method

- [ ] Wading
- [ ] From Shore
- [x] Other Dock
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [x] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# DESI

Photos: No **Flow:** FLOW **Tide:** FALLING **Tide Times:** High: 0630 Low 1230

Biological Samples Collected: [x] None [ ] HA [ ] SCI [ ] RPS [ ] Algae ID [ ] LVS [ ] LVI Other:

SBIO ID Numbers:

Notes:

SUNNY

Duplicate Sample

Time Zone: EST **Time:** **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID:

Blank

Time Zone: **Time:** **Field ID:** (Blank Type_DDMMYYYY)

DI Source: **Location:**

DI Type: **Equipment ID:**

DI Container (Name/ID): **DI Container Type:**

LIMS EVENT ID: **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

Scan/Save Field Sheets JL 08/19/2021 (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

RQ-2021-08-16-16
Customer: WQAP
Project ID: SMP

Collected By: Jessica Lee, Brian Davis
Field Report Prepared By: Jessica Lee
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G4NE0285

Location: Egan creek at Atlantic

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: 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 (PPTh)
	1145 EST	2.15	30.3	29.9	6.92	0.3	0.6 ☐ VOB (S)	0.951	20643	12.26
8/19/2021										
	EST									

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	☒ Ice ☒ H_2SO_4*	☒ <2	1	B
	Lot # Sa1105060 **Exp:**	4-30-22			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO_3*	☐ <2		
	Lot # **Exp:**				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	B
	Filter Lot # R1cb73980				
	Syringe Lot #				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice		1	B
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC **Formalin Lot #**	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab	☒ Ice		1	B
Molecular (QPCR-P-500ML)	☒ PCR-HF183 ☒ PCR-BacR ☒ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☒ Ice		1	B
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	B
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Phytoplankton/Periphyton	DTY-QN-C PKD-QN-BV	☐ Ice			

Name: Jessica Lee, Brian Davis

Signature: Jessica Lee

Date: 08/19/2021

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

RQ-2021-08-16-16
Customer: WQAP
Project ID: SMP

Collected By: Jessica Lee, Brian Davis
Field Report Prepared By: Jessica Lee
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G4NE0305

Location: Egans Creek at Jasmine st.

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(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 (PPTh)
	1215 EST	1.44	18.6	28.3	7.18	0.3	0.305 ☒ VOB (S)	0.305	1000	0.5
8/19/2021										
	EST									

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	☒ Ice ☒ H_2SO_4*	☒ <2	1	C
	Lot # Sa1105060 **Exp:**	4-30-22			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO_3*	☐ <2		
	Lot # **Exp:**				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	C
	Filter Lot # R1cb73980				
	Syringe Lot #				
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☒ Ice		1	C
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC **Formalin Lot #**	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab	☒ Ice		1	C
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-TQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Phytoplankton/Periphyton	☐ DTY-QN-C ☐ PKD-QN-BV	☐ Ice			

Name:
Jessica Lee
Brian Davis

Signature: Jessica Lee

Date: 08/19/2021

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End of Day CCV
Yes / No

WIN Station Name: Egans Creek at Jasmine st. **Date:** 8/19/2021

WIN/Field ID: G4NE0305 **WBID:** 2127A **ENR:** - **Latitude:** 30.6557

County: NASSAU **Org ID:** 21FLA **Longitude:** -81.44

Receiving Body of Water: Nassau - St. Marys **RQ-** 2021-08-16-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Jessica Lee	x		x		
[x] Brian Davis		x		x	x
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [ ] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [x] Pole

Depth measured with: Meter

Secchi Equipment ID:

Collection Method

- [ ] Wading
- [x] From Shore
- [ ] Other _____
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [x] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# DESI

Photos: NO **Flow:** FLOW **Tide:** FALLING **Tide Times:** High: 0630 Low: 1230

Biological Samples Collected: [x] None [ ] HA [ ] SCI [ ] RPS [ ] Algae ID [ ] LVS [ ] LVI Other:

SBIO ID Numbers:

Notes:

SUNNY AND HOT

Duplicate Sample

Time Zone: EST **Time:** _____ **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: _____ **Time:** _____ **Field ID:** _____ (Blank Type_DDMMYYYY)

DI Source: _____ **Location:** _____

DI Type: _____ **Equipment ID:** _____

DI Container (Name/ID): **DI Container Type:**

LIMS EVENT ID: _____ **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets JL 08/19/2021 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End of Day CCV Yes / No

WIN Station Name: Escambia slough at Dade st. **Date:** 8/19/2021

WIN/Field ID: G4NE0310 **WBID:** 2124B **ENR:** - **Latitude:** 30.6758

County: NASSAU **Org ID:** 21FLA **Longitude:** -81.46

Receiving Body of Water: Nassau - St. Marys **RQ-** 2021-8-16-16

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Brian Davis		x		x	x
[x] Jessica Lee	x		x		
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [ ] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [x] Pole

Depth measured with: Meter

Secchi Equipment ID:

Collection Method

- [ ] Wading
- [x] From Shore
- [ ] Other _____
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [x] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# DESI

Photos: YES **Flow:** FLOW **Tide:** FALLING **Tide Times:** High: 0630 Low: 1230

Biological Samples Collected: [x] None [ ] HA [ ] SCI [ ] RPS [ ] Algae ID [ ] LVS [ ] LVI Other:

SBIO ID Numbers:

Notes:

SUNNY. POTENTIAL BACTERIA FLOCK ON SUBSTRATE OF CREEKD

Duplicate Sample

Time Zone: EST **Time:** _____ **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID: _____

Blank

Time Zone: _____ **Time:** _____ **Field ID:** _____ (Blank Type_DDMMYYYY)

DI Source: _____ **Location:** _____

DI Type: _____ **Equipment ID:** _____

DI Container (Name/ID): **DI Container Type:**

LIMS EVENT ID: _____ **WIN Import ID:** _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** _____ (Initials/Date)

Scan/Save Field Sheets JL 08/19/2021 (Initials/Date) **Migrate Data to WIN:** _____ (Initials/Date) **Verify Data In WIN:** _____ (Initials/Date)

RQ-2021-8-16-16
Customer: WQAP
Project ID: SMP

Collected By: Brian Davis, Jessica Lee
Field Report Prepared By: Brian Davis
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G4NE0310

Location: Escambia slough at Dade st.

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: 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 (PPTh)
	1035 EST	1.24	16.5	28.7	7.17	0.3	0.308 ☒ VOB (S)	0.308	6982	3.81
8/19/2021										
	EST									

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	☐ Ice ☐ H_2SO_4*	☐ <2		
	Lot # Exp:				
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO_3*	☐ <2		
	Lot # Exp:				
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
	Filter Lot #				
	Syringe Lot #				
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC Formalin Lot #	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☒ Enterococci ☒ Contract Lab	☒ Ice		2	D
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI WE8321-MS W-PSNP-TQ W-CT-CL-R W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			
Phytoplankton/Periphyton	DTY-QN-C PKD-QN-BV	☐ Ice			

Name: Brian Davis, Jessica Lee

Signature: Jessica Lee

Date: 08/19/2021

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Mandy Sullivan

Client Name	Project Number
FDEP-NE ROC	RQ-2021- 08-16-LC
Report To	**Report CC**
Dep-Overflowmicro@dep.state.fl.us	Nassau North 2
Company/Address	
8800 Baymeadows Way W Jacksonville, Fl 32256	
Phone #	**FAX #**
904-256-1700	
Sampler's Signature	**Sampler's Printed Name**
J. Lee	J. Lee

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Preservative Key: 0. None; 1. HCL; 2. HNO3; 3. H2SO4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. NaHSO4; 8. ICE

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	Matrix	NUMBER OF CONTAINERS	E.Coli (Preservative 8)	Enterococci (Preservative 8)	REMARKS
G4NE0287		8/19/21	1010	SW	2	X	X	Salt
G4NE0310			1035		2	X	X	Salt
G4NE0311			1055		2	X	X	Fresh
G4NE0290			1120		1		X	Salt
G4NE0285			1145		1		X	Salt
G4NE0305			1215		1		X	Fresh ~~Fresh~~ SL

Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us

22

TURNAROUND REQUIREMENTS

- ___ RUSH (SURCHARGES APPLY)
- X STANDARD

REQUESTED FAX DATE: N/A

REQUESTED REPORT DATE: N/A

REPORT REQUIREMENTS

- ___ I. Results Only
- ___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
- ___ III. Results + QC and Calibration Summaries
- ___ IV. Data Validation Report with Raw Data

Edata ___ Yes ___ No

INVOICE INFORMATION

P.O. # B10739

Bill to

Relinquished By	Received By	Relinquished By	Received By	Relinquished By	Received By
Signature: J. Lee	Signature: Chet Weigand	Signature	Signature	Signature	Signature
Printed Name: J. Lee	Printed Name: Chet Weigand	Printed Name	Printed Name	Printed Name	Printed Name
Firm: FDEP	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 8/19/21 1430	Date/Time: 8/19/21 1432	Date/Time	Date/Time	Date/Time	Date/Time

RQ-2021-08-16-16

Date of Request: 19-JUL-2021
Created By: PARRISH_J On: 19-JUL-2021
Modified By: JASROTIA_P On: 20-JUL-2021
Customer: NE-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: Northeast District
Event Description: Nassau North 2

Send Coolers To:

Phone: 904-256-1700
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish
Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 20-JUL-2021
Biology Request Reviewed By: JASROTIA_P On: 20-JUL-2021
Sampling Kit Required: YES Ship on: 06-AUG-2021
Sampling Kit Shipped: YES On: 05-AUG-2021
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 16-AUG-2021
Logged In By: SHAIK_A On: 20-AUG-2021

Send Final Report To:

8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256
Attn: Jeremy Parrish
Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A:(Surf-Salt) Nutrients, metal, Bacteria, tracers, markers
Group B:(Surf.-Salt) Nutrients, Bacteria, Tracers, Markers
Group C:(Surf.-Salt) Nutrients, Bacteria
Group D:(Surf.-Salt) Bacteria

NE-ALS-ENQ
NE-ALS-ECQ

Packing Notes:
None

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE

NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville

Bottle Type: QPCR-P-500ML Number of Bottles: 1 Preserved With: ICE

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group A (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Calcium
Iron
Magnesium
Manganese
Zinc

W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Aluminum
Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 1 Preserved With: ICE

NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville

Bottle Type: QPCR-P-500ML Number of Bottles: 1 Preserved With: ICE

PCR-BACR	Template: DEFAULT	(SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction
PCR-DG3	Template: DEFAULT	(SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 1 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Group C (Water) With 2 Samples:

Bottle Type: P-1L Number of Bottles: 2 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L Number of Bottles: 2 Preserved With: ICE

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE

NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: ICE And H2SO4

W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML Number of Bottles: 2 Preserved With: FILTER-ICE

W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group D (Water) With 3 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 6 Preserved With: ICE

NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.