

Log-in Checklist

RQ- 2019-01-07-45

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 1/15/19 @ 10:00

Cooler Temperature*	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
	HNO ₃	Formalin		Present?		*Intact?		
				Yes	No	Yes	No	
<u>0.1</u>			<u>15</u>		<u>✓</u>			<u>4751 8775 3062</u>

* HNO₃ and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ✓ No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No Date 1-15-19

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No ✓ If yes, is it intact? Yes ✓ No

**Caps on tight? Yes ✓ No **Containers intact? Yes ✓ No

**Sufficient Sample Volume: Yes ✓ No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No ✓ Init: KK

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		
W-PFAS-MS					

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: KK

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA ✓ Init: KK

Coolers Unpacked/Checked by: KK Date: 1/15/19 NCRs (Y/N)? N

Event ID: Nassau West
NE-DIST-2019-01-15-01 (SMP)
 Date Received: 15-JAN-2019 10:00 NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_05-2018
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	222516EXP:9/15/19
Chlorine Test Strips Lot #	091417V EXP:9/2021

ENCORE SAMPLES

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

Were Encore samples received? Yes_____ No X

Date and time placed in freezer _____

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

no, were samples shipped on dry ice? Yes_____ No_____

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: _____

Request Number: RQ-2019-01-07-45

Florida Department of Environmental Protection

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Nassau West

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

P. O'Connor

Project ID: SMP

Collected By:

C. Rubene, P. O'Connor

Sampling Agency:

DEAR NED ROC

Location	WIN ID/Field ID:	19010063	BRANDY BRANCH AT CR 121	☐ Comp ☒ Grab Collection (comp begin or grab) Date 01-14-19 Time 0915 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc.) Surface Water Fresh Diss. Oxygen ☒ mg/L ☐ % sat 2.7 Total Res. Chlorine (mg/L) Temp (C) 13.1 pH 5.2 Sample Depth 0.3 ft m Sp. Conductance (umho/cm) 83 Bottle Group(s) (See pg 2) B
Latitude ☐ dd ☐ dms	Longitude	19010023	ST MARYS S PRONG @ CR 23C	☐ Comp ☒ Grab Collection (comp begin or grab) Date 01-14-19 Time 1045 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc.) Surface Water Fresh Diss. Oxygen ☒ mg/L ☐ % sat 8.6 Total Res. Chlorine (mg/L) Temp (C) 13.9 pH 5.62 Sample Depth 0.3 ft m Sp. Conductance (umho/cm) 56 Bottle Group(s) A
Latitude ☐ dd ☐ dms	Longitude	19010136	DAUGHTERY BR @ CREWS RD	☐ Comp ☒ Grab Collection (comp begin or grab) Date 01-14-19 Time 1000 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc.) Surface Water Fresh Diss. Oxygen ☒ mg/L ☐ % sat 7.92 Total Res. Chlorine (mg/L) Temp (C) 14.8 pH 5.49 Sample Depth 0.1 ft m Sp. Conductance (umho/cm) 74.7 Bottle Group(s) A
Latitude ☐ dd ☐ dms	Longitude	19010021	ST MARYS S PRONG @ US 90	☐ Comp ☒ Grab Collection (comp begin or grab) Date 01-14-19 Time 1130 Eastern Central Composite end Date Time Matrix (type, e.g., Salt, Fresh, etc.) Surface Water Fresh Diss. Oxygen ☒ mg/L ☐ % sat 8.22 Total Res. Chlorine (mg/L) Temp (C) 14.0 pH 5.37 Sample Depth ft m Sp. Conductance (umho/cm) 56 Bottle Group(s) A
Latitude ☐ dd ☐ dms	Longitude	Comments: DO% 26.0 DO% 83.0 DO% 74.6 DO% 79.0 Date of Sample Collection 01-14-19		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
P. O'Connor	01-14-19 1400	Fedex	1		

* Collection time taken from bottle

Number of Bottles Sent to Lab 3

Number of Bottles Sent to Lab 3

Number of Bottles Sent to Lab 3 to ALS JAY

Number of Bottles Sent to Lab 3

Number of Bottles Sent to Lab 3

Number of Bottles Sent to Lab 3

Number of Bottles Sent to Lab 1 to ALS JAY



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x08 • FAX (904) 739-2011

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SR#

CAS Contract

Project Name NASSAU West		Project Number RQ-2019-01-07-45		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																			
Project Manager Jeremy Parrish		Email Address		PRESERVATIVE 4																			
Company/Address DEAR NED ROC 8800 BAYMEADOWS WAY West JAX FL 32256				NUMBER OF CONTAINERS Fi Coll															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 P. O'Connor		Sampler's Printed Name																					
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	MATRIX																	REMARKS/ ALTERNATE DESCRIPTION		
19010063		01-14-19	0915	SW	1	X																	
19010136		↓	1000	↓	1	X																	
19010023		↓	1045	↓	1	X																	
19010021		↓	1130	↓	1	X																	
SPECIAL INSTRUCTIONS/COMMENTS																		TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) STANDARD REQUESTED FAX DATE REQUESTED REPORT DATE		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 V. Specialized Forms / Custom Report Edata Yes No		INVOICE INFORMATION PO # BILL TO:	
See QAPP ☐ 3.9																							
SAMPLE RECEIPT: CONDITION/COOLER TEMP:																		CUSTODY SEALS: Y N					
RELINQUISHED BY Patrick O'Connor		RECEIVED BY Valerie Spears		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY									
Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature									
Printed Name DEAR NED ROC		Printed Name Valerie Spears		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name									
Firm 01-14-19		Firm ALS		Firm		Firm		Firm		Firm		Firm		Firm									
Date/Time 1240		Date/Time 1/14/19 1249		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time									

Date of Request: 27-DEC-2018
 Created By: PARRISH_J On: 27-DEC-2018
 Modified By: SAVAGE_J On: 03-JAN-2019
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Sampling Event: Nassau West

Send Coolers To:

Phone: 904-807-3300
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

Program Module Number:

Priority: 3

Event Status: S

Criminal Investigation: NO

Chemistry Request Reviewed By: WATTS_J On: 02-JAN-2019

Biology Request Reviewed By: SAVAGE_J On: 03-JAN-2019

Sampling Kit Required: YES Ship on: 07-JAN-2019

Sampling Kit Shipped: YES On: 07-JAN-2019

Sampling Kit Packed By: REYNOLDS_T

Preservatives Needed: NO

Date to Receive Samples: 07-JAN-2019

Received By:

Report Type: Final Only

FTP Data: NO

QC Report: YES

Date Log: NO

Authorization Log: NO

Comments: Group A: Nutrients, Metals, Bacteria
 Group B: Bacteria

Packing Notes:
 None

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: HNO ₃
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
Aluminum		
Barium		
Calcium		

Bottle Group A (Water) With 3 Samples:

Bottle Type: P-500ML	Number of Bottles: 3	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
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML	Number of Bottles: 3	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-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	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: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
NE-ALS-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville

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