Log-in Checklist

RQ- 2018-10-29-15 Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 10-30-2018 @ 10:20am

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)
				Present?		*Intact?		
	HNO_3	Formalin		Yes	No	Yes	No	
1.9°C			12		X			4385 5034 6460

* 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 in any of the fields below, fill out the back of this form with additional details (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 10/30/18

CONTAINER CHECK

****Evidence Tape on Bottles?** Yes____ No X **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 X Init: M

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		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: M

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes____ No____ NA X Init: M

Coolers Unpacked/Checked by: Tyler R. **Date:** 10-30-2018 **NCRs (Y/N)?** N

Event ID: Nassau East West
NE-DIST-2018-10-30-01 (SMP)
Date Received: 30-OCT-2018 10:: **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

Infrared Thermometer ID:	REC_04_2018
pH Paper 0.0 – 3.0 Lot #	230515EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516EXP:09/15/2019
Chlorine Test Strips Lot #	091417V EXP:09/2021

Additional Comments:

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-2018-10-29-15

Nassau East West

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: Cheyanne Ruben

Collected By: Cheyanne Ruben / Jeremy Parrish

Sampling Agency: FDEP NE ROC

Loc — WIN /Field ID: 19010018

Fie

WI ST MARYS R S PRONG @ SR 125

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-29-18 Time 0930 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 6.37 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 16.6 | pH 5.75 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 64

Latitude — ☐ dd ☐ dms | Longitude — ☐ dd ☐ dms | Salinity (ppt) 0.03 | Comments

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Locatio — WIN /Field ID: 19010021

Field ID

WIN/ST ST MARYS R S PRONG @ US90

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-29-18 Time 1005 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 5.6 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 18.6 | pH 6.37 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 128

Latitude — ☐ dd ☐ dms | Longitude — ☐ dd ☐ dms | Salinity (ppt) 0.06 | Comments

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Loc — WIN /Field ID: 19010023

Fiel

WIN ST MARYS S PRONG @ CR 23C

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 10-29-18 Time 1035 (Eastern / Central) | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen ~~6.95~~ 6.95 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 18.4 | pH 6.69 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 129

Latitude — ☐ dd ☐ dms | Longitude — ☐ dd ☐ dms | Salinity (ppt) 0.06 | Comments

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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/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

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Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Chyan R	10-29-18 1300	Fedex	1	Tyler R.	10/30/18 @ 10:20

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab 3
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab 3
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab 3 to ALS
	NE-ALS-ECQ					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab 3
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab 3
	W-PO4-F					

ALS Environmental

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011 PAGE 1 OF 1

SR#

CAS Contract

Project Name: Nassau West	Project Number: RQ-2018-10-29-15
Project Manager: Jeremy Parrish	Email Address: Dep-Overflow.microdep.State.fl.us
Company/Address: FDEP NE ROC 8800 Baymeadows Way Jacksonville FL 32256	
Phone #: (904) 256-1693	FAX #
Sampler's Signature: Cheyanne Reban	Sampler's Printed Name: Cheyanne Reban

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 8

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	E. coli
19010018		10-29-18	0930	W	1	X
19010021		10-29-18	1005	W	1	X
19010023		10-29-18	1035	W	1	X
~~19020069~~		10-29-18		W	1	X

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other Ice

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS

See QAPP ☐

0.0°C

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:

SAMPLE RECEIPT: CONDITION/COOLER TEMP:
CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Cheyanne R	Signature:	Signature	Signature	Signature	Signature
Printed Name: Cheyanne Reban	Printed Name: KAYLA BLACKWELL	Printed Name	Printed Name	Printed Name	Printed Name
Firm: DEP DEAR NE ROC	Firm: ALS	Firm	Firm	Firm	Firm
Date/Time: 10/29/18 1224	Date/Time: 10.29.18/1225	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Retained by Client

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RQ-2018-09-03-15

Date of Request: 09-JUN-2018
Created By: SUNDERMA_S On: 09-JUN-2018
Modified By: SUNDERMA_S On: 29-OCT-2018
Customer: AMBIENT
Project: STATUS
Division:
District:
Sampling Event: Z5SL1809 S-ROC Week 1 Status Small Lakes + 1 blank

Send Coolers To:

Phone: 239-344-5663
South District DEP Branch Office
2295 Victoria Ave., Suite 364
Ft. Myers, FL 33901-2896
Attn: Chase Conley

Send Final Report To:

FL Dept. of Environmental Protection
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: Liz Miller

Program Module Number:
Priority: 4
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 08-AUG-2018
Biology Request Reviewed By: SWANSON_C On: 09-AUG-2018
Sampling Kit Required: YES Ship on: 24-AUG-2018
Sampling Kit Shipped: YES On: 20-AUG-2018
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: YES
Date to Receive Samples: 29-OCT-2018
Received By: REAVES_S On: 26-OCT-2018

Report Type: Final Only
FTP Data: YES
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments:

1 - case of nitric acid vials
1 - case of sulfuric acid vials
2- sets of nitric acid labels
2- sets of sulfuric acid labels

Please include 2 extra coolers and 3 extra ziploc bags for returning paperwork.

Please log Bottle Group C as a separate event.

Bottle Group A = surface water grab samples
Bottle Group B = field blanks
Bottle Group C = sediment grab samples

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-1L Number of Bottles: 8 Preserved With: ICE

ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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 Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
W-COND	Template: DEFAULT	(EPA 120.1) Specific Conductivity in aqueous matrices (umhos/cm at 25 deg C).
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-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: 8 Preserved With: ICE

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

Bottle Type: P-250ML-WO-THI Number of Bottles: 8 Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Type: P-500ML Number of Bottles: 8 Preserved With: HNO3

Bottle Group A (Water) With 8 Samples:

Bottle Type: P-500ML Number of Bottles: 8 Preserved With: HNO3

W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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		
Iron		
Magnesium		
Manganese		
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
Antimony		
Arsenic		
Beryllium		
Cadmium		
Chromium		
Copper		
Lead		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML Number of Bottles: 8 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 Group B (Water) With 1 Samples:

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

ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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-COND	Template: DEFAULT	(EPA 120.1) Specific Conductivity in aqueous matrices (umhos/cm at 25 deg C).
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-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: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE

ECOLI-18QT	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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

W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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		
Iron		
Magnesium		

Bottle Group B (Water) With 1 Samples:

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
	Manganese	
	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
	Antimony	
	Arsenic	
	Beryllium	
	Cadmium	
	Chromium	
	Copper	
	Lead	
	Molybdenum	
	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-00) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group C (Soil/Sediment/Waste) With 8 Samples:

Bottle Type: GJ-500ML Number of Bottles: 8 Preserved With: ICE

S-HG-TDA	Template: DEFAULT	(EPA 7473) Mercury in solid samples using thermal decomposition, amalgamation and AA spectroscopy, reported as dry weight.
	Mercury	
S-ICPMS-TO	Template:	(EPA 6020A Total Metals) Total metals in solid samples using acid digestion and ICP-MS (AMBIENT)
	Antimony	
	Arsenic	
	Cadmium	
	Copper	
	Lead	
	Molybdenum	
	Nickel	
	Selenium	
	Silver	
S-ICP-TO	Template:	(EPA 6010C Total Metals) Total metals in solid samples using acid digestion and ICP emission spectroscopy (AMBIENT)
	Aluminum	
	Beryllium	
	Chromium	
	Iron	
	Manganese	
	Zinc	
S-TKN	Template: DEFAULT	(In-house (based on EPA 351.2)) Total Kjeldahl Nitrogen in solid matrices
S-TOC	Template: DEFAULT	(DEP SOP: NU-076-1) Percent Carbon in solid matrices
S-TP	Template: DEFAULT	(In-house (based on EPA 365.4)) Total Phosphorus in solid matrices

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