

RQ-2019-08-05-34

Log-in Checklist

Login Station ID: #4

Shipping Method: FedEx UPS | HD | GreyhoundDate/Time of Receipt: 08/07/19 @ 9:50

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
		HNO ₃	Formalin		Present?		*Intact?		
					Yes	No	Yes	No	
2.2°C				5		X			4751 8778 5171

* 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 and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

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

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

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

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: Tyler R.

Chlorine detected? (One container checked per Field ID)

Yes No Init:

If "YES", list affected Field IDs and Test IDs below.

Field ID	List TestID(s) where Chlorine was Detected, an NCR is required.

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No NA Init: Tyler R.

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

Coolers Unpacked/Checked by: Tyler Reynolds Date: 08/07/19 NCRs (Y/N)? N

Event ID: Hastings
NE-DIST-2019-08-07-03 (SMP) NCR #

Date Received: 07-AUG-2019 09:50

REF-4-3-1

Log-in Checklist

Samples with Incorrect pH Preservation

Field ID	Bottle Test ID(s)	pH	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_04_2018 EXP:04/29/2020
pH Test Strips 0 – 6 Lot #	213316AV EXP:05/15/2020
pH Paper 0 – 3 Lot #	
pH Paper 0 – 13 Lot #	215517 EXP: 06/01/2020
Chlorine Test Strips Lot #	8261 EXP: 07/30/2021

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: _____

Hastings

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: Jeremy Parrish

Project ID: SMP

Collected By: Jeremy Parrish Kim ApplebySampling Agency: FL DEP NE DIST

Location	WIN ID/Field ID:  20030557	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>8/6/19</u> Time <u>1145</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID	MOCCASSIN BRANCH AT WINFORD MASTERS RD	Matrix (type, e.g., Salt, Fresh, etc) <u>fresh</u>		Diss. Oxygen <u>5.16</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
WIN/STORET #		Temp (C) <u>26.9</u>	pH <u>6.12</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>229</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.11</u>	Comments	
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	
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	
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	

Relinquished By: <u>[Signature]</u>	Date/Time <u>8/6/19 1515</u>	Shipping Method <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Tyler Reynolds</u>	Date/Time <u>08/07/19 @ 9:50</u>
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Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
NE-ALS-ECQ				
Group: B	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY				
TURBIDITY				
W-CL-IC				
W-COLOR				
W-F				
W-SO4-IC				
W-TDS				
W-TSS				
Group: B	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: B	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
NE-ALS-ECQ				
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab _____
W-ICP				
W-ICPMS				
Group: B	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3				
W-NO2NO3				
W-S-A-TP				
W-TKN				
W-TOC				
Group: B	Bottle Type: P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F				

Hastings

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: Jeremy Parrish

Project ID: SMP

Collected By: Jeremy Parrish Kim ApplebySampling Agency: FDEP

Locat	WIN ID/Field ID:  G2NE0001	UNNAMED DITCH TO DEEP CREEK AT REVELS FARM	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>8/6/19</u> Time <u>1030</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field II			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>5.5</u>	☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	A
WIN/S			Temp (C) <u>27.7</u>	pH <u>7.01</u>	Sample Depth <u>0.05</u> ☐ ft ☒ m Sp. Conductance (umho/cm) <u>1512</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.76</u>	Comments	
Location	WIN ID/Field ID:  20030558	HASTINGS OUTLET AT SR 207	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>8/6/19</u> Time <u>1045</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>4.6</u>	☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	A
WIN/STC			Temp (C) <u>26.4</u>	pH <u>7.07</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m Sp. Conductance (umho/cm) <u>500</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.24</u>	Comments	
Loc	WIN ID/Field ID:  G2NE1202	DOG BRANCH AT Bike Path	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>8/6/19</u> Time <u>1100</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
File			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>3.2</u>	☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	A
Will			Temp (C) <u>26.2</u>	pH <u>6.99</u>	Sample Depth <u>0.1</u> ☐ ft ☒ m Sp. Conductance (umho/cm) <u>1496</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.75</u>	Comments	
Locat	WIN ID/Field ID:  20030844	COW CREEK @ E RIVER RD	☐ Comp ☒ Grab Collection (comp begin or grab) Date <u>8/6/19</u> Time <u>1120</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field			Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>2.46</u>	☒ mg/L ☐ % sat Total Res. Chlorine (mg/L)	A
WIN/			Temp (C) <u>27.1</u>	pH <u>6.95</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m Sp. Conductance (umho/cm) <u>1216</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.60</u>	Comments	

Relinquished By: <u>Jeremy Parrish</u>	Date/Time: <u>8/6/19 1515</u>	Shipping Method: <u>Fedex</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>Tyler Reynolds</u>	Date/Time: <u>08/07/19 @ 9:50</u>
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Group: A	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4 to ALS
Group: B	Bottle Type: P-1L ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to ALS
Group: B	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1

Date of Request: 02-JUL-2019
 Created By: PARRISH_J On: 02-JUL-2019
 Modified By: AYRES_J On: 06-AUG-2019
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Sampling Event: Hastings

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256
 Attn: Jeremy Parrish

Program Module Number:

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 06-AUG-2019
 Biology Request Reviewed By: JASROTIA_P On: 05-AUG-2019
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 05-AUG-2019
 Received By:

Send Final Report To:

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

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

Comments: Group A: (Surf. Fresh) Bacteria
 Group B: (Surf.-fresh) Nutrients, Metals, Bacteria

NE-ALS-ECQ

Packing Notes:
 None

Bottle Group A (Water) With 4 Samples:

Bottle Type: P-250ML-WI-THI Number of Bottles: 4 Preserved With: ICE
 NE-ALS-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville

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-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: 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-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville

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

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

Barium
Calcium
Iron
Magnesium
Potassium
Sodium
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
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*Boron
Aluminum
Antimony
Arsenic
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-00) 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

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