

RQ- 2018-10-01-16

Log-in Checklist

Login Station ID: # 3Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 10/05/2018 / 10:05

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>2-4C</u>			<u>19</u>			<u>X</u>		
<u>1-8C</u>			<u>7</u>			<u>X</u>		
<u>2-8C</u>			<u>22</u>			<u>X</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 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 10-5-18

CONTAINER CHECK

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

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

****Sufficient Sample Volume:** Yes X No

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

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: ABS

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

Coolers Unpacked/Checked by: ABS Date: 10/05/2018 NCRs (Y/N)?

Event ID: bmap tribs 2
NE-DIST-2018-10-05-01 (SMP)

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_03_2018
pH Paper 0.0 – 3.0 Lot #	2305 15 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	7226 EXP:20/20/07

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: _____

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Collected By: CRUBEN, P O'Connor

Sampling Agency: DEAR WEA ROC

Location	Field ID:  BLANK 10042018	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 1050	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) D
Field ID		Matrix (type, e.g., Salt, Fresh, etc.) DEIONIZED WATER	Diss. Oxygen _____	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STOI	Field Blank Location: NE ROC DI	Temp (C) _____	pH _____	Sample Depth _____	Sp. Conductance (umho/cm) _____	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) ☐ dms	Comments			
Location	WIN / Field ID:  20030897	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 1205	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) B
Field ID		Matrix (type, e.g., Salt, Fresh, etc.) SURFACE WATER FRESH	Diss. Oxygen 2.94	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORET	MONCRIEF CR @ 21ST ST.	Temp (C) 24.9	pH 7.06	Sample Depth 0.1	Sp. Conductance (umho/cm) 480	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) ☐ dms	Comments			
Location	WIN / Field ID:  20030891	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 1245	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) B
Field ID		Matrix (type, e.g., Salt, Fresh, etc.) SURFACE WATER FRESH	Diss. Oxygen 4.49	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STOF	Goodbys CR Above West Branch at San Clerc.	Temp (C) 25.4	pH 7.21	Sample Depth 0.15	Sp. Conductance (umho/cm) 345	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) ☐ dms	Comments DO% 55.1			
Location	WIN / Field ID:  20030537	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 1305	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) B
Field ID		Matrix (type, e.g., Salt, Fresh, etc.) SURFACE WATER FRESH	Diss. Oxygen 3.90	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/S	GOODBYS CR @ PLAZA GATE RD.	Temp (C) 25.7	pH 6.93	Sample Depth 0.1	Sp. Conductance (umho/cm) 349	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) ☐ dms	Comments DO% 48%			

Relinquished By: P O'Connor	Date/Time 10-04-18 1530	Shipping Method Fed Ex	Number of Coolers Shipped: 3 (total)	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ECQ					
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER					
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	W-E8321-DI					
	W-E8321-MS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	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 _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					

Central Laboratory Submittal Form

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Collected By: P. O'Connor, C. RUBEN

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 0905	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID		20030695	Matrix (type, e.g., Salt, Fresh, etc) <u>SALT</u>		Diss. Oxygen <u>2.86</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STOR	OPEN CREEK AT SAN PABLO ROAD		Temp (C) <u>25.8</u>	pH <u>6.86</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>11,950</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>6.80</u>	Comments <u>DO% 36.6, Surface Water SALT</u>			
Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 0835	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID		20030848	Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>		Diss. Oxygen <u>5.3</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET	NW TRIBUTARY TO OPEN CR AT HODGES		Temp (C) <u>25.7</u>	pH <u>6.9</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>423</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.2</u>	Comments <u>DO% 65.2</u>			
Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 0955	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID		20030653	Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>		Diss. Oxygen <u>6.38</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET	TERRAPIN CREEK AT FAYE ROAD		Temp (C) <u>24.9</u>	pH <u>6.81</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>106</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.05</u>	Comments <u>DO% 77.1</u>			
Location	WIN / Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10-04-18 Time 1035	Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID		20030753	Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>		Diss. Oxygen <u>5.53</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORE	TROUT RIVER AT OLD KINGS RD		Temp (C) <u>23.8</u>	pH <u>6.49</u>	Sample Depth <u>0.15</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>127</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.06</u>	Comments <u>DO% 65.6</u>			

Relinquished By: <u>P. O'Connor</u>	Date/Time <u>10-04-18 1530</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>3 (total)</u>	Received By:	Date/Time
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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 JAX
	NE-ALS-ECQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	PCR-FILTER						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI						
	W-E8321-MS						
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						
Group: B	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						

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Group: B	Bottle Type: W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 3	Preservative: HNO3	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: NE-ALS-ENQ	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to ALS JAX

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Group: C Bottle Type: QPCR-P-500ML # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
 PCR-FILTER

Group: C Bottle Type: BG-500ML # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
 W-E8321-DI
 W-E8321-MS

Group: C Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 1
 W-NH3
 W-NO2NO3
 W-S-A-TP
 W-TKN
 W-TOC

Group: C Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1
 W-PO4-F

Group: D Bottle Type: P-1L # of Bottles: 1 Preservative: ICE Enter Number of Bottles Sent to Lab 1
 ALKALINITY
 TURBIDITY
 W-CL-IC
 W-COLOR
 W-F
 W-SO4-IC
 W-TDS
 W-TSS

Group: D Bottle Type: P-500ML # of Bottles: 1 Preservative: ICE And H2SO4 Enter Number of Bottles Sent to Lab 1
 W-NH3
 W-NO2NO3
 W-S-A-TP
 W-TKN
 W-TOC

Group: D Bottle Type: P-125ML # of Bottles: 1 Preservative: FILTER-ICE Enter Number of Bottles Sent to Lab 1
 W-PO4-F

Date of Request: 20-AUG-2018
 Created By: PARRISH_J On: 20-AUG-2018
 Modified By: SWANSON_C On: 12-SEP-2018
 Customer: NE-DIST
 Project: SMP
 Division:
 District: Northeast District
 Sampling Event: bmap tribs 2

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Send Final Report To:

8800 Baymeadows Way West
 Suite 100
 Jacksonville, FL 32256-7577
 Attn: Jeremy Parrish

Program Module Number:
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 12-SEP-2018
 Biology Request Reviewed By: SWANSON_C On: 12-SEP-2018
 Sampling Kit Required: YES Ship on: 21-SEP-2018
 Sampling Kit Shipped: YES On: 17-SEP-2018
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: YES
 Date to Receive Samples: 01-OCT-2018
 Received By: SHAIK_A On: 05-OCT-2018

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

Comments: 1 box H2so4 / 2 sets of labels
 1 box HNO3 / 2 sets of labels

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 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: 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: QPCR-P-500ML	Number of Bottles: 3	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML	Number of Bottles: 3	Preserved With: ICE
W-E8321-DI	Template:	(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: 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 Group A (Water) With 3 Samples:

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 3 Samples:

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: QPCR-P-500ML	Number of Bottles: 3	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Type: BG-500ML	Number of Bottles: 3	Preserved With: ICE
W-E8321-DI	Template:	(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: 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

Calcium
Chromium
Iron
Magnesium
Nickel
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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Arsenic
Cadmium
Copper
Lead
Silver

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 Type: P-1L	Number of Bottles: 3	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: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Group C (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-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
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
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Bottle Group C (Water) With 1 Samples:

Bottle Type: BP-1L CHLSUITE-W	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-250ML-WI-THI NE-ALS-ENQ	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (ASTM D650399) Enterococci by Enterolert Quanti-Tray Method by ALS Environmental Laboratory in Jacksonville
Bottle Type: QPCR-P-500ML PCR-FILTER	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML W-E8321-DI	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (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 W-NH3	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE And H2SO4 (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 W-PO4-F	Template: DEFAULT	Number of Bottles: 1	Preserved With: FILTER-ICE (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-1L ALKALINITY	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE (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: P-500ML W-NH3	Template: DEFAULT	Number of Bottles: 1	Preserved With: ICE And H2SO4 (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 W-PO4-F	Template: DEFAULT	Number of Bottles: 1	Preserved With: FILTER-ICE (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.

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD
TALLAHASSEE FL 32399
(850) 246-8077
REF: 001

SHIP DATE: 17SEP18
ACTWGT: 37.00 LB 18.00 OZ
CRD: 0446970/CAFE3210

FROM: JEREMY PARRISH
FLORIDA DEP NORTHEAST DISTRICT
SUITE 300
JACKSONVILLE FL 32256
UNITED STATES US

FedEx
EXPRESS



SEPT 1

RMA: 00111111

TRK# 0221 4385 5033 6528

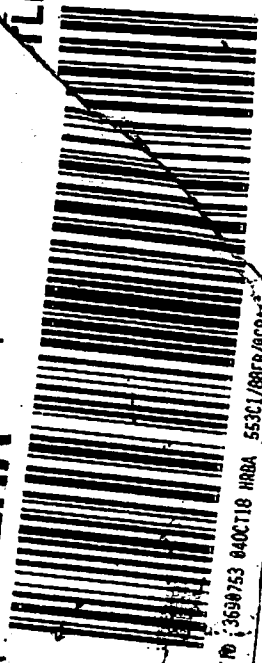
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PRIORITY OVERNIGHT

FedEx
TRK# 0221 4385 5033 6528

FRI - 05 OCT 10:30A
PRIORITY OVERNIGHT

36 TLHA

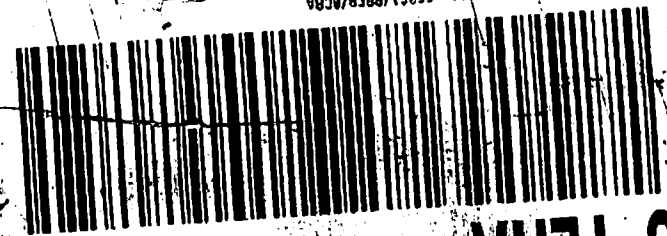
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US
TLH



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FL-US
32399
TLH



36 TLHA

TRK# 4385 5033 6540
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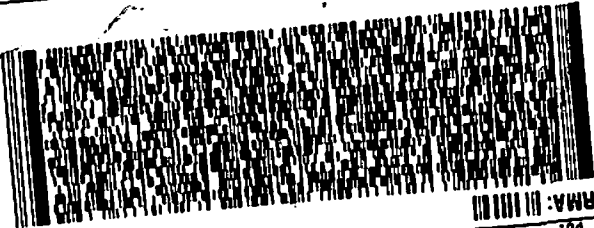
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32399
TLH

TRK# 4385 5033 6540
FRI - 05 OCT 10:30A
PRIORITY OVERNIGHT

RETURNS MON-FRI
PRIORITY OVERNIGHT



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DEPT: 1

JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
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ORIGIN ID: TLHA (904) 807-3300
JEREMY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

SHIP DATE: 17SEP18
ACTWG: 37.00 LB/HAN
CAD: 0446970/CAE3210

551C1/778C/104C

FL-US
32399
TLH



36 TLHA

TRK# 4385 5033 6539
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32399
TLH

TRK# 4385 5033 6539
FRI - 05 OCT 10:30A
PRIORITY OVERNIGHT

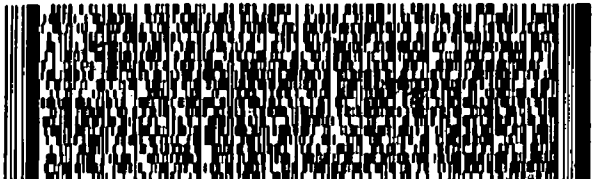
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PRIORITY OVERNIGHT

TRK# 4385 5033 6539



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TALLAHASSEE FL 32399
REF: (850) 246-8077
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JOHN WATTS
FLORIDA DEP/CHEMISTRY SECT
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SHIP DATE: 17SEP18
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10:30
10:05