

Log-in Checklist

RQ- 2019 - 04 - 15 - 16

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04-16-2019 / 09:40

Cooler Temperature*	Samples Frozen	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Tracking # Damaged waybills only
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
3.4C				19		X			
2.6C				15		X			

* 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 standard temperature without customer notification/confirmation.

****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 X No

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

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 X No

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

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes X 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		X	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 X 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: 04-16-2019 NCRs (Y/N)? X

Event ID: NE-DIST-2019-04-16-01 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 #	220416AEXP:7/30/20
pH Paper 0 – 13 Lot #	21551 EXP:06/01/20
Chlorine Test Strips Lot #	8261 EXP:2021/07

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: _____

Bmap 1

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Project ID: SMP

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

Sampling Agency: DEAR NED RQ

Location	WIN ID/Field ID.	20030848	☐ Comp ☒ Grab Collection (comp begin or grab) Date 04-15-19 Time 1050 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Diss. Oxygen 4.09 mg/L % sat Temp (C) 20.9 pH 6.92 Sample Depth 0.3 ft m Sp. Conductance (umho/cm) 421.6	Bottle Group(s) (See pg 2) B
Field ID	NW TRIBUTARY TO OPEN CR AT HODGES				
Latitude	dd dms	Longitude	dd dms	Salinity (ppt) 0.20	Comments DO% 48.5
Location	WIN ID/Field ID.	20030653	☐ Comp ☒ Grab Collection (comp begin or grab) Date 04-15-19 Time 1015 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Diss. Oxygen 6.9 mg/L % sat Temp (C) 19.1 pH 6.90 Sample Depth 0.1 ft m Sp. Conductance (umho/cm) 129.0	Bottle Group(s) B
Field ID	TERRAPIN CR @ Faye Rd.				
Latitude	dd dms	Longitude	dd dms	Salinity (ppt) 0.06	Comments DO% 74.6
Location	WIN ID/Field ID.	20030891	☐ Comp ☒ Grab Collection (comp begin or grab) Date 04-15-19 Time 1405 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Diss. Oxygen 5.68 mg/L % sat Temp (C) 21.0 pH 7.50 Sample Depth 0.1 ft m Sp. Conductance (umho/cm) 402.2	Bottle Group(s) B
Field ID	GOODBYS CR ABOVE WEST BRANCH AT SAN CLERC				
Latitude	dd dms	Longitude	dd dms	Salinity (ppt) 0.19	Comments DO% 64%
Location	WIN ID/Field ID.	20030760	☐ Comp ☒ Grab Collection (comp begin or grab) Date 04-15-19 Time 1230 Eastern Central Composite end Date Time	Matrix (type, e.g., Salt, Fresh, etc) Surface Water Fresh Diss. Oxygen 3.34 mg/L % sat Temp (C) 20.8 pH 7.39 Sample Depth 0.3 ft m Sp. Conductance (umho/cm) 338.6	Bottle Group(s) E
Field ID	BUTCHER PEN CR AT WESCONNETT				
Latitude	dd dms	Longitude	dd dms	Salinity (ppt) 0.16	Comments DO% 37.4

Relinquished By: P. O'Connor	Date/Time: 04-15-19 1500	Shipping Method: Fed Ex	Number of Coolers Shipped: 2 (total)	Received By: [Signature]	Date/Time: 4-16-19 19:40
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1 to ALS JAY</u>
	NE-ALS-ENQ						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	PCR-HF183						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	<u>1</u>
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	<u>3</u>

Bmap 1

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Location	WIN ID/Field ID:  20030793	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>04-15-19</u> Time <u>1345</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2) <u>D</u>
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>	Diss. Oxygen <u>4.7</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORET	CRAIG CR @ HENDRICKS AVE	Temp (C) <u>20.4</u>	pH <u>7.4</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>516</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.25</u>	Comments <u>DO% 52.1</u>	
Location	WIN ID/Field ID:  20030082	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>04-15-19</u> Time <u>1240</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>C</u>
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>	Diss. Oxygen <u>6.31</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORET	BUTCHER PEN CR AT CONFEDERATE	Temp (C) <u>23.9</u>	pH <u>7.27</u>	Sample Depth <u>0.15</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>2546</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>1.31</u>	Comments <u>DO% 75.4</u>	
Location	WIN ID/Field ID:  20030958	☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>04-15-19</u> Time <u>1405</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) <u>A</u>
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Surface Water Fresh</u>	Diss. Oxygen <u>5.68</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____	
WIN/STORET	CRAIG CR. 100m DOWN FROM FOOTBRIDGE IN PARK	Temp (C) <u>21.0</u>	pH <u>7.50</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>402.2</u>
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.19</u>	Comments <u>DO% 64.0</u>	
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>PO'Connor</u>	Date/Time <u>04-15-19 1500</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>2 (Total)</u>	Received By: <u>ABP</u>	Date/Time <u>4-16-19/9:40</u>
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Group: A	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY TURBIDITY W-BR-IC W-F W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
NE-ALS-ENQ				
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
PCR-HF183				
Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
W-E8321-DI W-E8321-MS				
Group: A	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: A	Bottle Type: P-125ML	# of Bottles: 1	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 W-TDS W-TSS				
Group: B	Bottle Type: BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab _____

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 to ALS JAX
Group: B	Bottle Type: PCR-HF183	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-CL-IC W-COLOR W-F W-SO4-IC W-TDS 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:	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to ALS JAX

Group: C	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-500ML W-ICP W-ICPMS	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
Group: C	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: C	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: P-250ML-WI-THI NE-ALS-ENQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to ALS JAY
Group: D	Bottle Type: QPCR-P-500ML PCR-HF183	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: P-250ML-WI-THI NE-ALS-ECQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

SR #

ALS Contact: Jerry Allen

Client Name		Project Number	
FDEP-NE ROC		2019	
Report To		Reported by name	
Dep-Overflowmicro@dep.state.fl.us		BNA-P1	
Company/Address			
8800 Baymeadows Way W			
Jacksonville, FL 32256			
Phone #	FAX #		
904-256-1541			
Sampler's Signature	Sampler's Printed Name		
Cheyanne Robax	Cheyanne Robax		
CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME
20030653		4.15.19	1015
20030848		4.15.19	1050
20030760			1230
20030082			1240
20030958			1325
20030793			1345
20030891			1405
Special Instructions/Comments: Email Report to: Dep-Overflowmicro@dep.state.fl.us			
Relinquished By		Received By	
Signature	Signature	Signature	Signature
Printed Name	Printed Name	Printed Name	Printed Name
DEAR NEB ROC			
Date/Time	Date/Time	Date/Time	Date/Time
04-15-19	1435		
ANALYSIS REQUESTED (Include Method Number and Container Preservative)			
NUMBER OF CONTAINERS			
E.Coli			
Enterocool			
Preservative Key			
0. None			
1. HCL			
2. HNO3			
3. H2SO4			
4. NaOH			
5. Zn, Acetate			
6. MeOH			
7. NaHSO4			
8. Other ICE			
REMARKS			
FW = fresh water			
INVOICE INFORMATION			
P.O. #			
B10719			
BILL TO			
Levi Mason			
Signature			
Received By			
Date/Time			
11/15/19			

Date of Request: 08-MAR-2019
 Created By: PARRISH_J On: 08-MAR-2019
 Modified By: JASROTIA_P On: 25-MAR-2019
 Customer: NE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northeast District
 Sampling Event: Bmap 1

Send Coolers To:

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

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 19-MAR-2019
 Biology Request Reviewed By: JASROTIA_P On: 25-MAR-2019
 Sampling Kit Required: YES Ship on: 05-APR-2019
 Sampling Kit Shipped: YES On: 01-APR-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 15-APR-2019
 Received By: SHAIK_A On: 16-APR-2019

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: Nutrients, Bacteria, Tracer, Marker
 Group B: Nutrients, Metals, Bacteria, Tracer, Marker
 Group C: Nutrients, Metals, Bacteria
 Group D: Bacteria, Tracer, Marker
 Group E: Bacteria,

NE-ALS-ECQ
 NE-ALS-ENCQ

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-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-BR-IC	Template: DEFAULT	(EPA 300.0) Bromide 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
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 Quanti-Tray Method by ALS Environmental Laboratory in Jacksonville
Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
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 H ₂ SO ₄

Bottle Group A (Water) With 1 Samples:

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

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-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: 3	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: 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
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
*Boron		
Aluminum		
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 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

ORIGIN ID: TLHA (904) 807-3300
JEREMY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYNEARDS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

SHIP DATE: 28MAR19
ACTWTG: 10.00 LB MAN
CRD: 0446870/CAFE3211

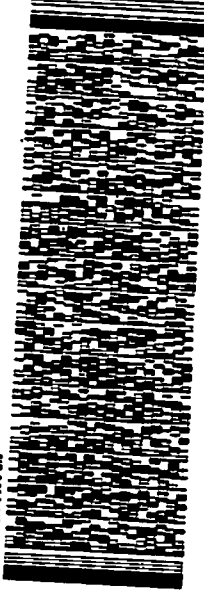
TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
REF: 0221

RMA: 11111111



TUE - 16 APR 10:30A
PRIORITY OVERNIGHT

FedEx
TRK# 4751 8778 2893

36 TLHA

32399
FL-US
TLH



FTD 3713719 15APR19 NRBA 553C1/D7ES/NCBA

ORIGIN ID: TLHA (904) 807-3300
JEREMY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYNEARDS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

SHIP DATE: 20MAR19
ACTWTG: 15.00 LB MAN
CRD: 0446870/CAFE3211

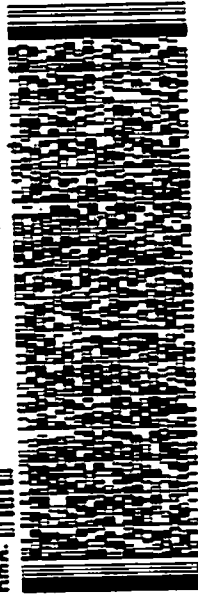
TO JOHN WATTS

FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077
REF: 0221

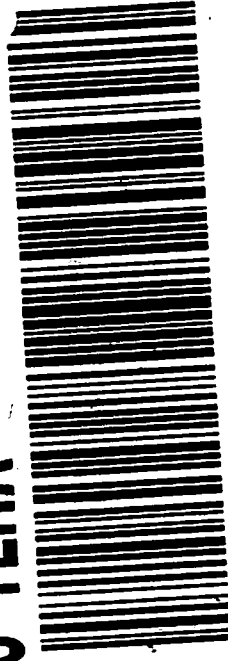
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TUE - 16 APR 1
PRIORITY OVF

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TRK# 4751 8777 9647

36 TLHA



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